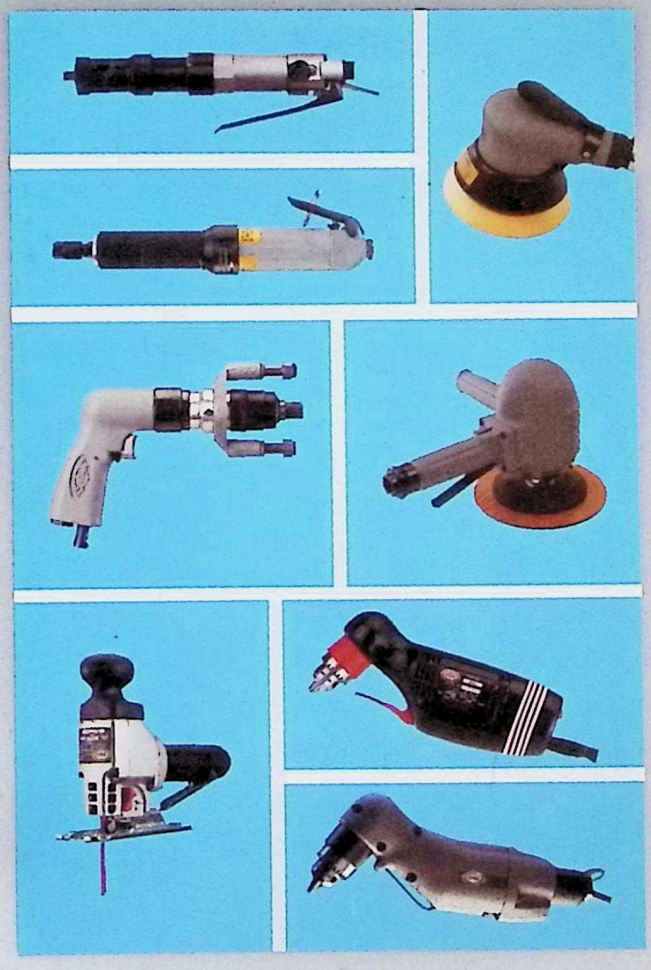
CATALOG NO. 90I

75 Years of Innovation



INDUSTRIAL

PROFESSIONAL POWER TOOLS

Built with American Pride

SIOUX TOOLS INC.

2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102-0507 ■

SIOUX
TOOLS INC.
2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102 ■

Dear Customer:

Sioux Tools has been in business for 75 years as a corporation manufacturing air and electric power tools, accessories, abrasives and shop equipment. We believe in the team approach to design, manufacturing and selling our products.

As a member of our selling team and to establish a mutually beneficial business relationship, you need to know where SIOUX stands.

SIOUX:

- SELLS ONLY THROUGH DISTRIBUTORS.
- PROVIDES THE BEST PRODUCT GUARANTEE.
- HAS CONVENIENTLY LOCATED SERVICE CENTERS.
- MAKES AVAILABLE FACTORY TRAINED SALESMEN.
- HAS WRITTEN UNDERSTANDABLE UNIVERSAL SALES POLICIES.
- BELIEVES IN THE AMERICAN FREE ENTERPRISE SYSTEM.
- USER FRIENDLY.

By working together we can better serve our customers. Thank you for your past support and the opportunity to continue to serve you in the future.

Yours truly,

The Sioux Team

THE SIOUX TEAM

SIOUX 75 Years of Innovation

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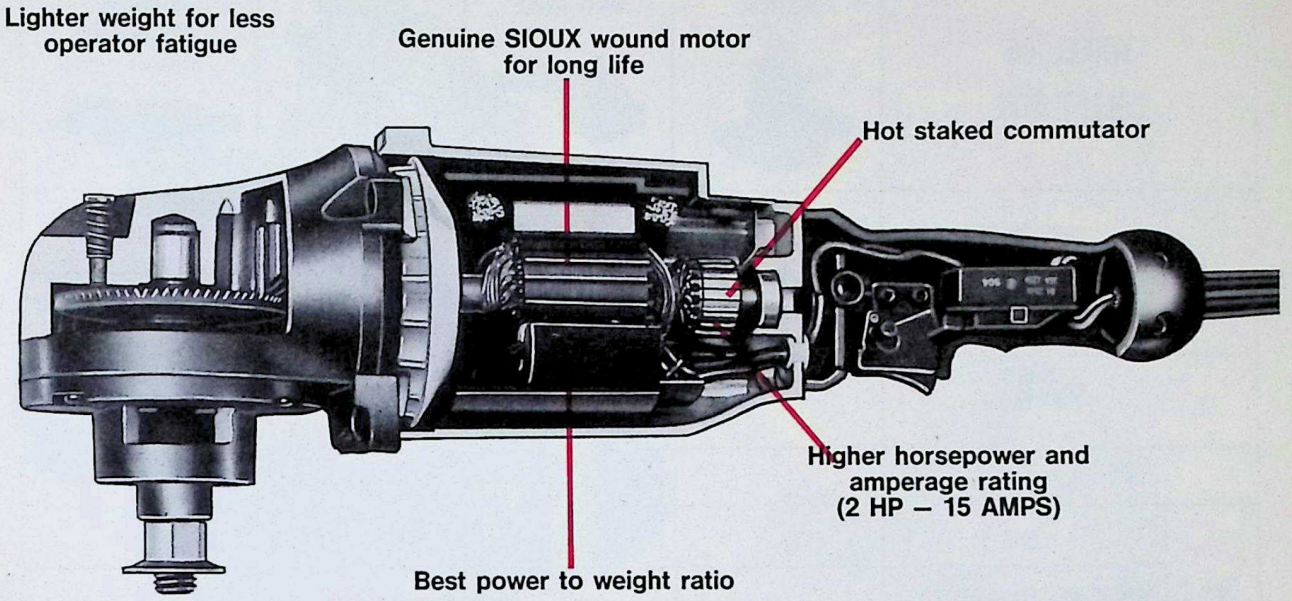
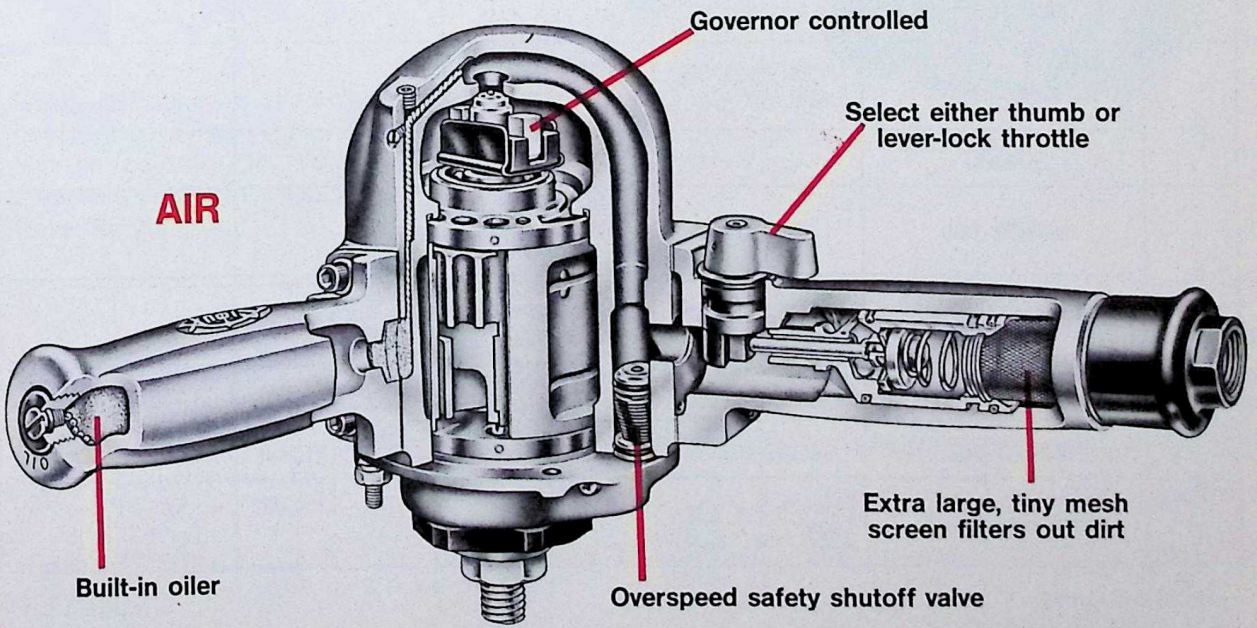
Features Of The SIOUX Line Of Grinders

ELECTRIC

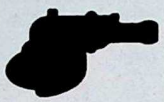

Lighter weight for less operator fatigue
Genuine SIOUX wound motor for long life
Hot staked commutator
Higher horsepower and amperage rating (2 HP – 15 AMPS)
Best power to weight ratio

Grinder Guard not shown for photo clarity.

AIR


Governor controlled
Select either thumb or lever-lock throttle
Extra large, tiny mesh screen filters out dirt
Built-in oiler
Overspeed safety shutoff valve

The Complete Sioux Line of Abrasive Tools

WHEEL OR COLLET SIZE		AIR VERTICAL	AIR & ELECTRIC RIGHT ANGLE 	AIR HORIZONTAL	AIR STRAIGHT DIE GRINDER
1/8" COLLET					2L1940A
3/16" COLLET					2L1940X
1/4" COLLET			1963, 1964		1949, 1950, 1951HP, 1952, 1954HPEXT, 1962, 1954HP, 2L1940, 1985
3/8" COLLET					1955HP, 1985A
3"	CONE			513, 514, 516	
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	STRAIGHT			508, 509, 511	
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5"	ABRASIVE DISC		540, 1965, 1245		
6"	FLARED CUP	V5124, V5224, 532, 532T, 534, 534T			
	STRAIGHT			517, 541V	
7"	ABRASIVE DISC	1290, V5147, V5247	1274A, 1276A, 1287, 1287L, 1287LP, 1287P		
	DEPRESSED CENTER	1291, V5133, V5233, V5143, V5243	1285, 1285LP, 1285P, 1275A, 1277A		
8"	STRAIGHT			541	
9"	ABRASIVE DISC	V5138, V5238	1274A, 1276A		
	DEPRESSED CENTER	V5132, V5232, A532, A532T, A534, A534T	1279A		

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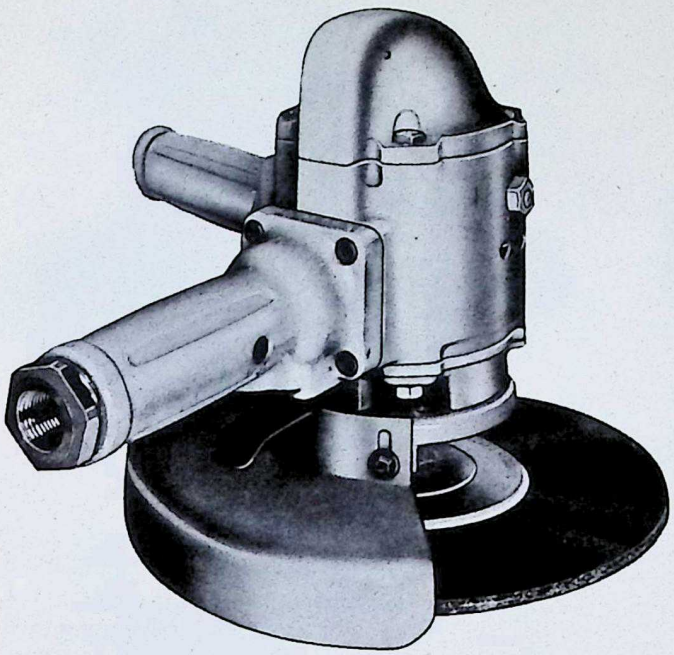
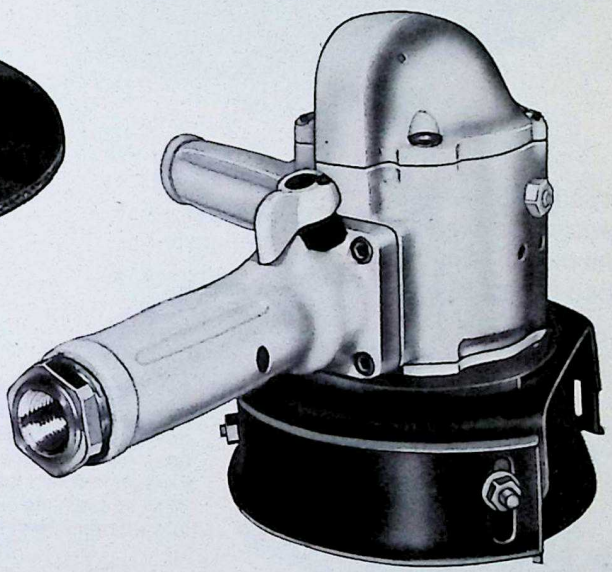
Air Die Grinders . . . . . Page 12,13

Vertical Air Grinders
Heavy Duty 4 HP



No. A534



No. 534T

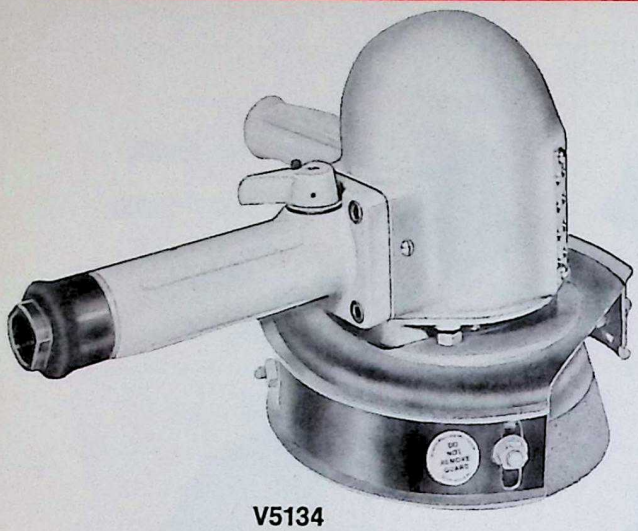
- Easy, fast change of attachments
- Excellent power to weight ratio
- Your choice of throttle
- Aluminum housing for light weight
- Governor controlled

Cat. No.	Type	R.P.M.	Guard No.	Throttle	H.P.	Height Tool Only Inches	Weight Tool Only Lbs.-Oz.	Hose Size	Hose Conn.	Air Consumption CFM
532	6" Cup Gr	6000	2322	Lever	4	7-1/4	10-4	1/2"	1/2"PT	93
532T	6" Cup Gr	6000	2322	Thumb	4	7-1/4	10-4	1/2"	1/2"PT	93
A532	9" D.C. Gr	6000	2327	Lever	4	7-1/4	10-4	1/2"	1/2"PT	93
A532T	9" D.C. Gr	6000	2327	Thumb	4	7-1/4	10-4	1/2"	1/2"PT	93
534	6" Cup Gr	4500	2322	Lever	4	7-1/4	10-4	1/2"	1/2"PT	93
534T	6" Cup Gr	4500	2322	Thumb	4	7-1/4	10-4	1/2"	1/2"PT	93
A534	9" D.C. Gr	4500	2327	Lever	4	7-1/4	10-4	1/2"	1/2"PT	93
A534T	9" D.C. Gr	4500	2327	Thumb	4	7-1/4	10-4	1/2"	1/2"PT	93

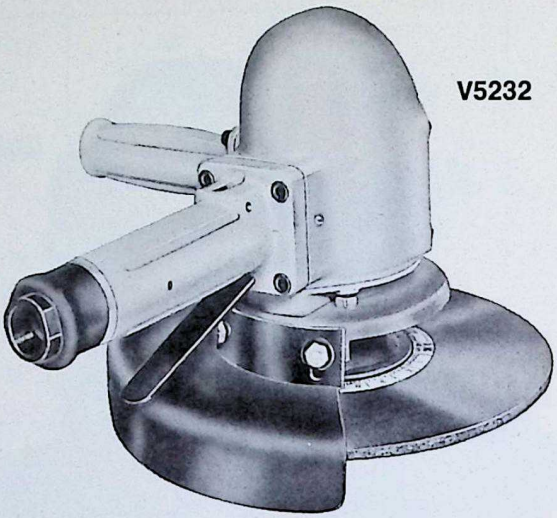
WARNING: TOOL SPEED MUST NOT EXCEED SPEED PRINTED ON WHEEL. CHECK DAILY WITH TACHOMETER.

–USE RECOMMENDED GUARD–
FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1, A.N.S.I. B186.1, AND INSTRUCTION MANUAL. **ALWAYS WEAR EYE PROTECTION.**

Air Grinders
Vertical Heavy Duty—3 HP
V Series



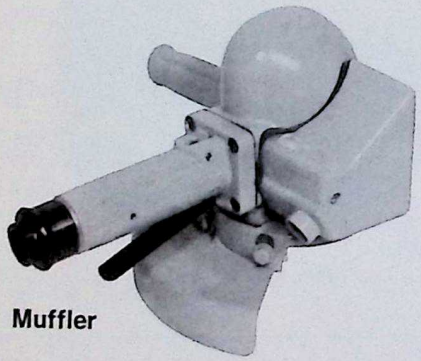
V5134



V5232

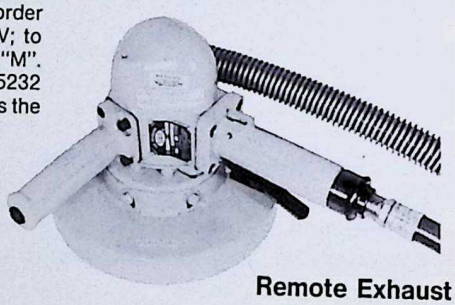
- 4500 or 6000 RPM
- Automatic overspeed shutoff
- Aluminum alloy housing
- See pages 18 and 19 for accessories

- Available with Lever-Lock or Thumb Throttle
- Available with Remote Exhaust or Quiet Muffler



Muffler

All V Series tools are available with remote exhaust or a new quiet muffler. To order remote exhaust, suffix "X" to the V; to order the tool with a muffler, suffix "M". Example V5232 is the plain tool; VM5232 is the tool with the muffler, VX5232 is the tool with remote exhaust.



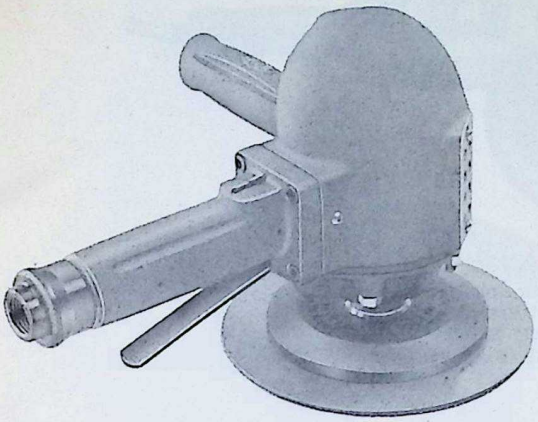
Remote Exhaust

Grinding wheel not included

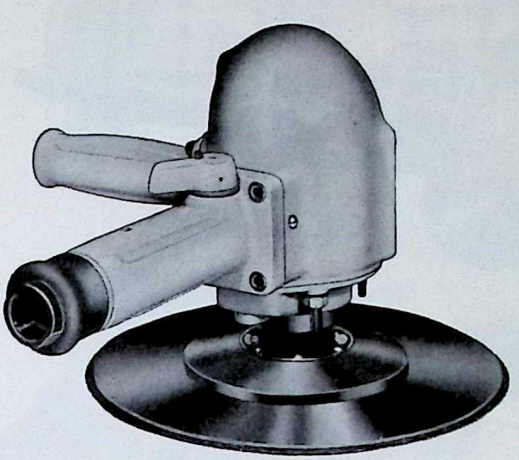
Cat. No.	Type	R.P.M.	Guard	Throttle	Height Tool Only Inches	Weight Tool Only Lbs.-Oz.	Hose Size	Hose Conn.	Air Consumption CFM
V5122	9" Depressed Center Wheel Gr.	4500	63162	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5222	9" Depressed Center Wheel Gr.	4500	63162	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60
V5124	6" Flared Cup Wheel Gr.	4500	63160	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5224	6" Flared Cup Wheel Gr.	4500	63160	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60
V5132	9" Depressed Center Wheel Gr.	6000	63162	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5232	9" Depressed Center Wheel Gr.	6000	63162	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60
V5133	7" Depressed Center Wheel Gr.	6000	63161	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5233	7" Depressed Center Wheel Gr.	6000	63161	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60
V5134	6" Flared Cup Wheel Gr.	6000	63160	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5234	6" Flared Cup Wheel Gr.	6000	63160	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60

WARNING: TOOL SPEED MUST NOT EXCEED SPEED PRINTED ON WHEEL.
—USE RECOMMENDED GUARD—
FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1 AND INSTRUCTION MANUAL.
ALWAYS WEAR EYE PROTECTION.

Air Sanders
Vertical Heavy Duty–3 HP
V Series



No. V5247



No. V5138

- 7000 or 6000 RPM
- Automatic overspeed shutoff
- Aluminum alloy housing
- See pages 18 and 19 for accessories

- Available with Lever-Lock or Thumb Throttle
- Available with Remote Exhaust or Quiet Muffler

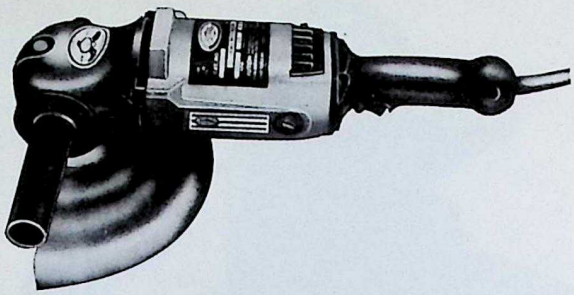
Lever-Lock Throttle

All V Series tools with lever throttle are now equipped with the New Sioux "Lever-Lock" throttle. A lever must be pushed aside before the throttle can be depressed and the motor started. The lever springs back and locks the throttle immediately upon release of the throttle. Prevents accidental start-up of the tool.

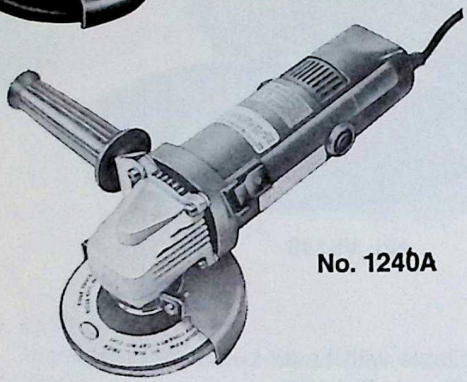
Cat. No.	Type	R.P.M.	Throttle	Height Tool Only Inches	Weight Tool Only Lbs.-Oz.	Hose Size	Hose Conn.	Air Consumption CFM
V5147	7" Sander	7000	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5247	7" Sander	7000	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60
V5138	9" Sander	6000	Thumb Throttle	7-1/8	9-2	1/2"	1/2"PT	60
V5238	9" Sander	6000	Lever-Lock	7-1/8	9-2	1/2"	1/2"PT	60

Electric Grinders & Sanders To 2-1/2 HP

No. 1245
AC-DC
Double Insulated



No. 1277A
Use No. 510 Holder unless using wheel with 5/8"-11 threaded hub. 510 ADAPTOR NOT INCLUDED. ALWAYS USE GUARD.



No. 1240A

No. 1267DI
Disc Mounting Accessories not included with this tool

No. 1274A
Disc Mounting Accessories not included with this tool

- Full ball and needle bearing construction
- Continuous duty
- Very well balanced tools for less operator fatigue
- High power to weight ratio
- See pages 8 and 9 for accessories
- See grinding wheels on page 84, abrasive discs on page 85

Cat. No.	No Load Spindle Speed	Size Inches	Type Tool	Spindle Thread	Amps.	Volts	Guard No.	Wheel No.	Net Wt. Tool Only Lbs.-Oz.	Overall Length Inches	Max. H.P.
1240A	11,000	4-1/2	Grinder	10x1.25	5	115	2340	2004	4-5	11	.4
1245	10,000	5	Grinder	5/8-11	6	115	2345	2005	5-4	13.75	.5
1267DI	4500	7 or 9	Sander	5/8-11	12	115	—	—	11	17.2	2
1274A	5,000	7 or 9	Sander	5/8-11	15	115	—	—	12	16.4	2
1275A	7,000 Max.	7	Grinder	5/8-11	15	115	2348	—	12	16.4	2
1276A	6,000	7 or 9	Sander	5/8-11	15	115	—	—	12	16.4	2
1277A	6,000 Max.	7	Grinder	5/8-11	15	115	2348	—	12	16.4	2
1279A	6,000 Max.	9	Grinder	5/8-11	15	115	2349		12	16.4	2

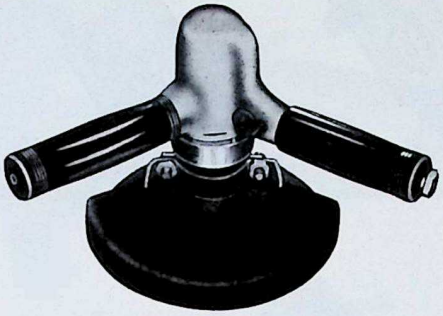
No. 2004—4-1/2" Depressed Center Grinding Wheel - 24 Grit, 7/8" hole, 1/4" thick.
No. 2005—5" Depressed Center Grinding Wheel - 24 grit, 7/8" hole, 1/4" thick.
No. 1241—Wire Wheel for No. 1240A only.
No. 1242—5" Sanding Disc Backing Pad for No. 1240A only.

Use guard No. 2348 when using No. 1276A as a 7" grinder. **DO NOT USE** No. 1276A as a 9" grinder.

WARNING: TOOL SPEED MUST NOT EXCEED SPEED PRINTED ON WHEEL.
—USE RECOMMENDED GUARD—
FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1 AND INSTRUCTION MANUAL.
ALWAYS WEAR EYE PROTECTION.

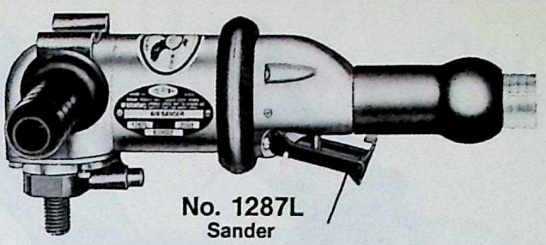
Air Grinders and Sanders
1 HP

- Ball and needle bearing construction
- Lever-lock or thumb throttle optional—to order, Suffix LK
- Available with remote exhaust. When ordering Suffix X



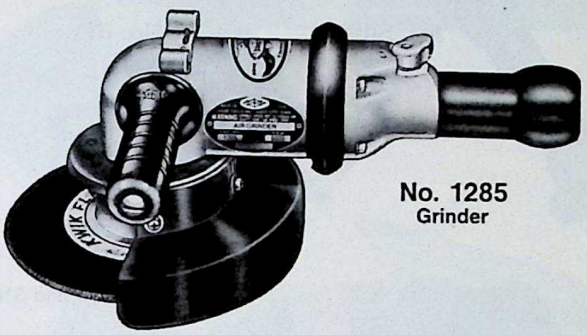
No. 1291
Grinder

- Remote exhaust available



No. 1287L
Sander

Accessory Set No. 545 included with this tool

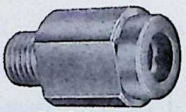


No. 1285
Grinder

- Lever-lock throttle standard on lever-actuated right angle models. Remote exhaust available, Suffix P

NEW . . . from SIOUX

No. 540—A new high speed sander with air consumption of 25 CFM. Lightweight, weighing only one pound, 13 ounces with discs, this very quiet (78dB A) disc sander is only four inches long plus 1½ inch offset. Hose connection ¼".

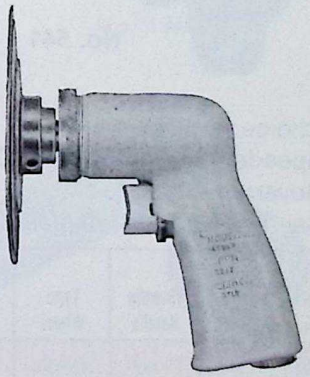


Adapter
Adapts spindle thread from 3/8-24 to 7/16-20

No. 540A

NEW

No. 540

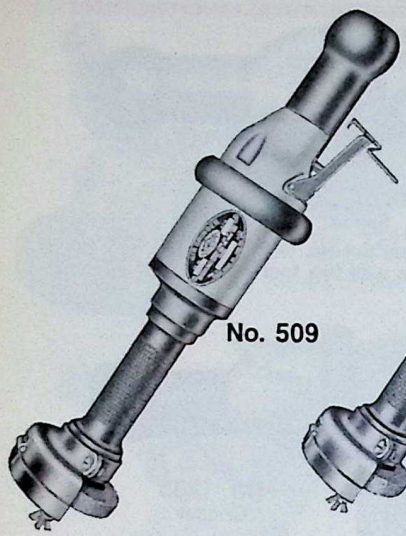


See pages 18, 19, 20 and 21 for accessories

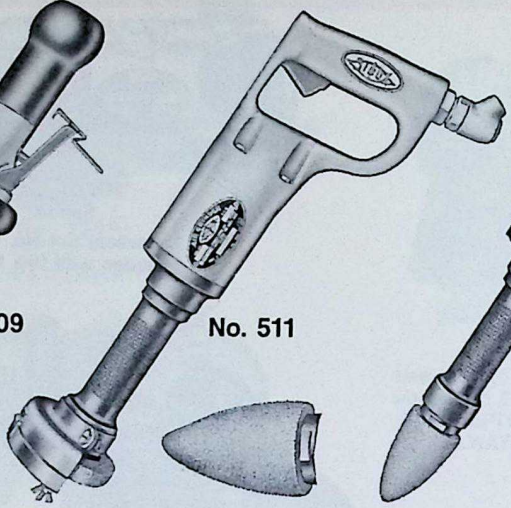
Cat. No.	No Load Spindle Speed	Size Inches	Type	Throttle	Spindle Thread	Max. Air Cons. Cu. Ft.	Full Load Air Cons. Cu. Ft.	Guard or Holder No.	Wheel No.	Net Wt. Tool Only Lbs.-Oz.	Overall Length Inches	H.P.	Hose Size
540	20,000	5	Rt Ang Sr		3/8-24	25	—	586	—	1-13	4	3/4	3/8
1285	6,000	7	Rt Ang Gr	Thumb	5/8-11	18	35	2321	704XR24K	5-14	12.4	1	3/8
1285L	6,000	7	Rt Ang Gr	Lever Lok	5/8-11	18	35	2321	704XR24K	5-14	12.4	1	3/8
1287	6,000	7	Rt Ang Sr	Thumb	5/8-11	18	35	545	—	5-14	11.25	1	3/8
1287L	6,000	7	Rt Ang Sr	Lever Lok	5/8-11	18	35	545	—	5-14	11.25	1	3/8
1290	5,000	7	Vert Sr	Thumb	5/8-11	38	30	545	—	4-2	7.2	1	3/8
1291	5,000	7	Vert Gr	Thumb	5/8-11	38	30	2336	704XR24	5	7.2	1	3/8

WARNING: TOOL SPEED MUST NOT EXCEED MAX. SPEED RATING OF BACKING PAD OR GRINDING WHEEL. IF TOOL IS CONVERTED TO A GRINDER, APPROPRIATE GUARD MUST BE ADDED. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1 AND INSTRUCTION MANUAL.
ALWAYS WEAR EYE PROTECTION.

Horizontal Air Grinders

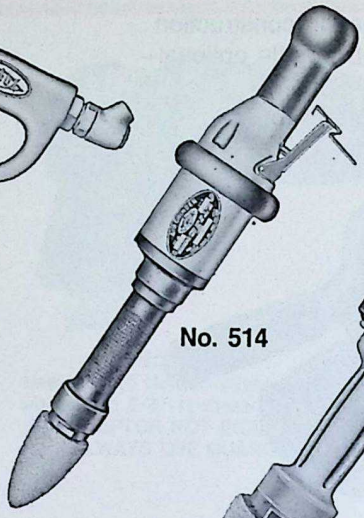


No. 509



No. 511

No. 599
Cone grinding wheel
3/8"-24 thread
for Nos. 513, 514 and 516



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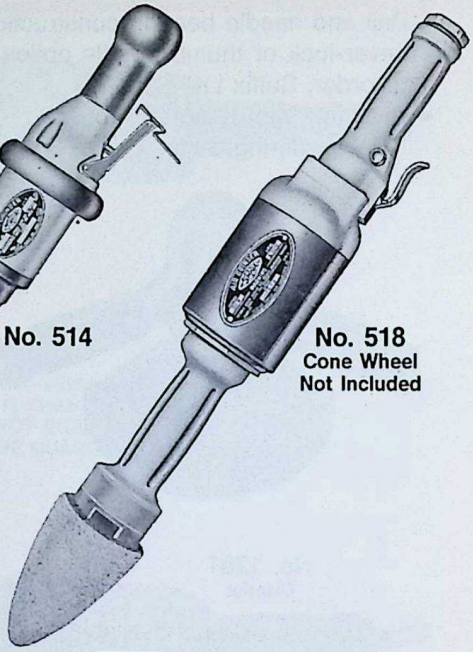
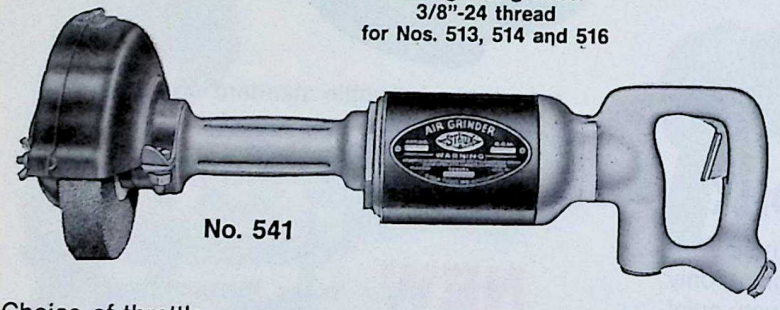
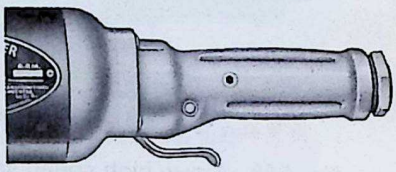


No. 518
Cone Wheel
Not Included



No. 541



No. 541L

- Choice of throttle
- Speeds from 4500 to 12,000 R.P.M.
- Governor controlled
- See page 20 for adapter to convert straight wheel grinder to cone wheel
- Remote exhaust available on some models
- Well balanced for less operator fatigue
- Lever-lock throttle standard on Nos. 509 and 514

Cat. No.	R.P.M.	Throttle Handle	Type Wheel	Length Inches	Max. Wheel Dia. Vitrified	Max. Wheel Dia. Organic	H.P.	Arbor	Inlet	Hose Size	Guard No.	Wheel No.	Net Wt. Tool Only Lbs.-Oz.	Exhaust
508	12,000	Thumb	Straight	16-1/4	2"	3"	1	1/2"-13	1/4"PT	3/8"	2311	598	5-10	Front
509	12,000	Lever	Straight	16-1/4	2"	3"	1	1/2"-13	1/4"PT	3/8"	2311	598	5-10	Front
511	12,000	Grip	Straight	16	2"	3"	1	1/2"-13	1/4"PT	3/8"	2311	598	5-10	Front
513	12,000	Thumb	Cone	15-1/2	2"	3"	1	3/8"-24	1/4"PT	3/8"	None	599	5-4	Front
514	12,000	Lever	Cone	15-1/2	2"	3"	1	3/8"-24	1/4"PT	3/8"	None	599	5-4	Front
516	12,000	Grip	Cone	15-1/4	2"	3"	1	3/8"-24	1/4"PT	3/8"	None	599	5-4	Front
517	6000	Lever	Straight	21	4"	6"	2.5	5/8"-11	1/2"PT	1/2"	2314	567	10	Side
518	9000	Lever	Cone	20-1/4	2-3/4"	4"	2.5	5/8"-11	1/2"PT	1/2"	None	None	9-13	Side
541	4500	Grip	Straight	22-3/4	5"	8"	4	5/8"-11	1/2"PT	3/4"	2315	573	15	Side
541L	4500	Lever	Straight	22-1/4	4"	6"	4	5/8"-11	1/2"PT	3/4"	2314	567	15	Side

Use Cone Wheel Grinder only where work provides protection for operator.
508, 509, 513, 514—Remote Exhaust Available, Suffix Letter P
508, 509, 511—3/8"-24 Spindle Available, Suffix Letter Y
513, 514, 516—1/2"-13 Spindle Available, Suffix Letter Z
517, 518—Thumb Throttle Available, Suffix Letter T
517—4500 R.P.M. Available, Suffix Letter U
517—9000 R.P.M. Available, Suffix Letter W
541, 541L—6000 R.P.M. Available, Suffix Letter V
Example: 517TU

WARNING: TOOL SPEED MUST NOT EXCEED SPEED PRINTED ON WHEEL. CHECK DAILY WITH TACHOMETER.

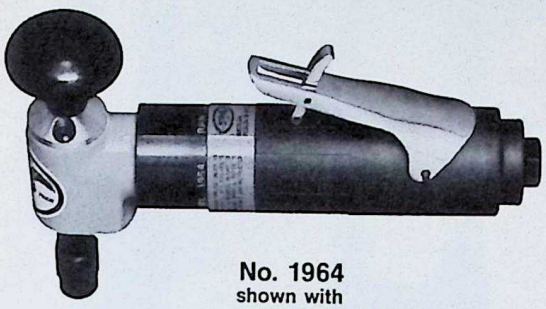
—USE RECOMMENDED GUARD—

FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1, A.N.S.I. B186.1, AND INSTRUCTION MANUAL. **ALWAYS WEAR EYE PROTECTION.**

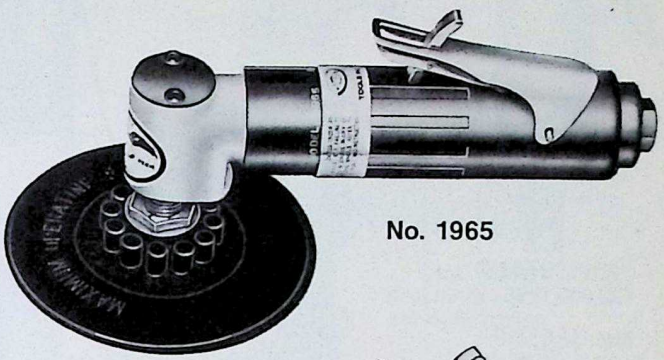
Industrial Air Sanders and Grinders Cut-Off Tool

.8 HP Right Angle Grinders

1963 – 12,000 RPM Right Angle Die Grinder
1964 – 18,000 RPM Right Angle Die Grinder
1965 – 12,000 RPM Right Angle Sander
1966 – 18,000 RPM Right Angle Grinder
1967 – 12,000 RPM Right Angle Grinder

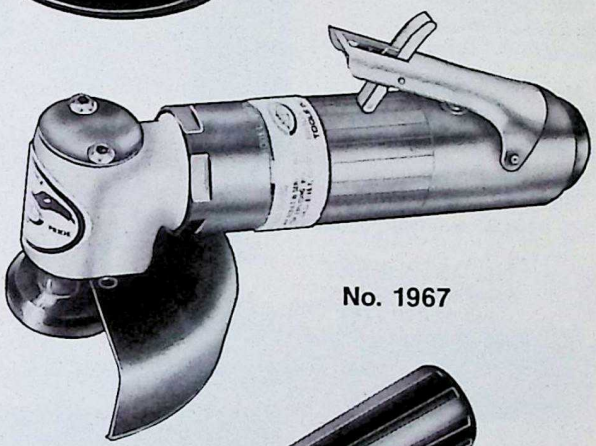


No. 1964
shown with
optional Knob Handle

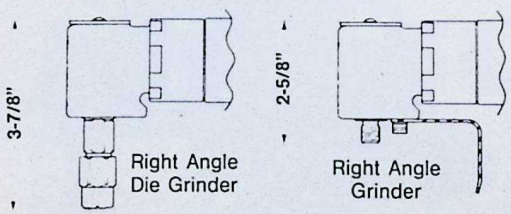


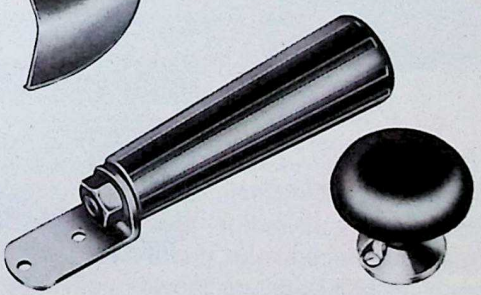
No. 1965

- Excellent air-to-power ratio
- Lever lock throttle
- Rear exhaust
- Weight less than 3 pounds each
- Available with remote exhaust. To order, suffix X.

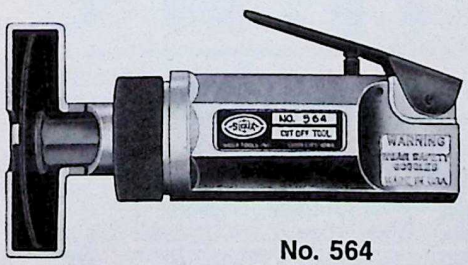


No. 1967

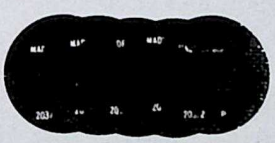




Optional Handles Available
No. 2357 – Straight side handle
No. 2359 – Knob handle



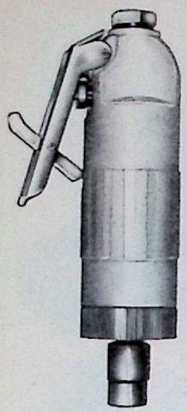
No. 564
Cut-Off Tool



No. 2003–Cut-Off Wheel.
Package of 5 only.

Catalog No.	Type of Tool	RPM (Max.)	Spindle Thread	Equipped With	Guard No.	Weight Lbs.-Oz.	Length Inches	Side to Center Inches
564	Cut-Off Tool	20,000	3/8"-24	—	72397	1-12	6-3/4	—
1963	Right Angle Die Grinder	12,000	3/8"-24	1/4" Collet	—	2-5	8	7/8
1964	Right Angle Die Grinder	18,000	3/8"-24	1/4" Collet	—	2-5	8	7/8
1965	Right Angle Sander	12,000	3/8"-24	5" Backing Pad	—	2-6	8	7/8
1966	Right Angle Grinder	18,000	3/8"-24	3" Dep. Center Grinding Wheel	2346	2-10	8	7/8
1967	Right Angle Grinder	12,000	3/8"-24	4" Dep. Center Grinding Wheel	2347	2-12	8	7/8

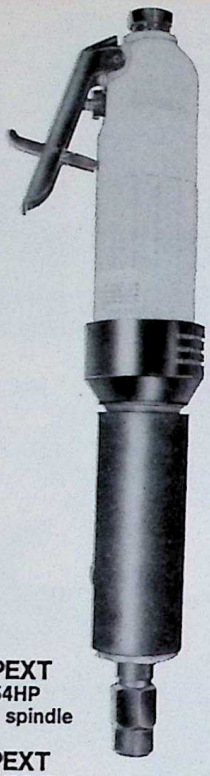
Industrial Air Die Grinders



No. 1954HP
23,000 RPM

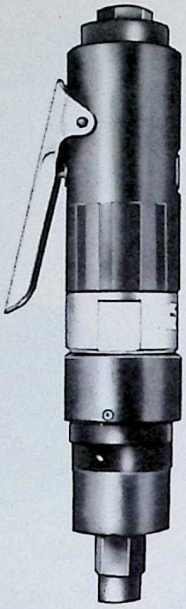
No. 1955HP
Same as 1954HP
but with 3/8" collet

No. 1956HP
Same as 1954HP
but 18,000 RPM

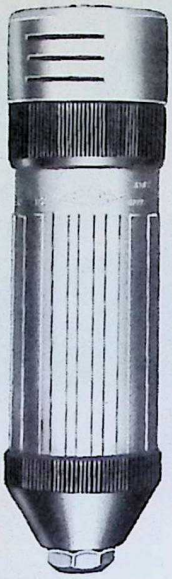


No. 1954HPEXT
Same as 1954HP
but 5" extended spindle

No. 1956HPEXT
Same as 1954HPEXT
but 18,000 RPM

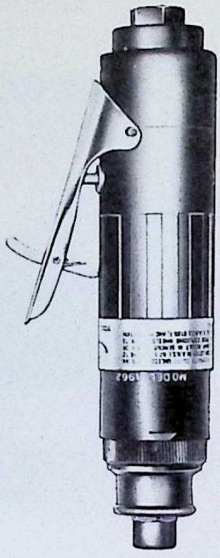


No. 2L1940
18,000 RPM



No. 1985
20,000 RPM

No. 1985A
Same as 1985
but with 3/8" collet

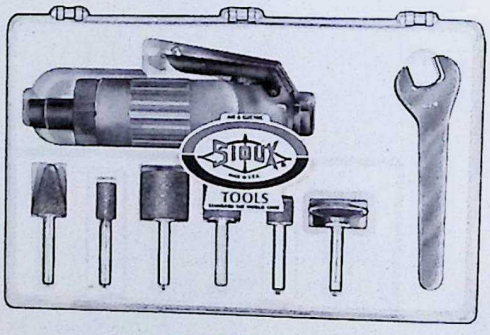


No. 1962 Lever-Lock
Available with remote
exhaust—Suffix X
23,000 RPM

.8 HP

No. 1950
25,000 RPM

- Large selection—Your choice of power, speed, exhaust
- Proven Sioux air motor—no burnouts ever
- Precision spaced rotor guarantees long motor life
- Precision ball bearings provide collet support and accuracy
- See page 22 for other collet size options



No. 1954HPK*

Cat. No.	Throttle	1/4" Collet	Spindle Thread	R.P.M. No Load	Hose Conn.	Hose Size	Side to Center Inches	H.P.	Overall Length Inches	Net Wt. Tool Only Lbs.-Oz.	Exhaust
2L1940	Lever	Sioux	3/8"-24	18,000	1/4"PT	3/8"	29/32	.75	9-1/8	2-0	Rear
1949	Lever	Erickson	5/16"-24	25,000	1/8"PT	3/16"	9/16	.25	5-3/8	0-12	Front
1950	Lever	Sioux	5/16"-24	25,000	1/8"PT	3/16"	9/16	.25	5-3/8	0-12	Front
1953HP	Lever-lock	Erickson	3/8"-24	23,000	1/4"PT	3/8"	13/16	.75	6-1/2	1-6	Front
1954HP	Lever-lock	Sioux	3/8"-24	23,000	1/4"PT	3/8"	13/16	.75	6-1/2	1-6	Front
1962	Lever-lock	Sioux	3/8"-24	23,000	1/4"PT	3/8"	7/8	.8	7-3/4	1-15	Rear
1985	Twist	Erickson	3/8"-24	20,000	3/8"PT	3/8"	1-1/16	1.5	7-5/8	4-4	Side

*1954HPK includes: 1-#2901 mounted grinding wheel, 1-#2903 mounted grinding wheel, 1-#2904 mounted grinding wheel, 1-#2905 mounted grinding wheel, 1-#2906 mounted grinding wheel, 1-#2907 mounted grinding wheel, 1-#1954HPK air die grinder

WARNING: TOOL SPEED MUST NOT EXCEED MAXIMUM SPEED RATING OF ACCESSORIES. USE APPROPRIATE GUARD, UNLESS UNDER AN EXCEPTION LISTED IN A.N.S.I. B7.1. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1, A.N.S.I. B186.1, AND INSTRUCTION MANUAL. **ALWAYS WEAR EYE PROTECTION.**

Air Finishing Sanders
Orbital Disc

No. 690
Muffler
Random Orbital

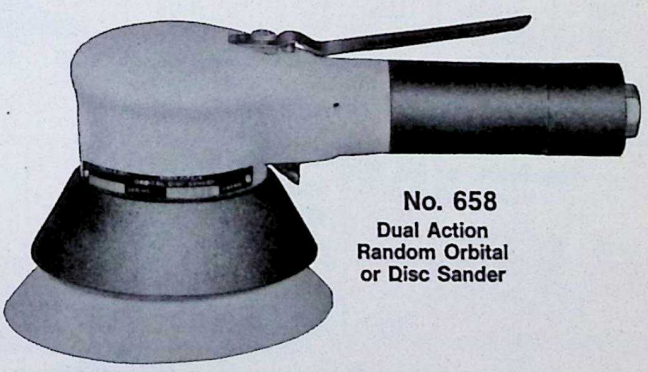
- Ergonomically shaped housing
- Three throttle options: lever, palm, or thumb
- Muffler or remote exhaust
- Built-in speed control

No. 690X
Remote Exhaust
Random Orbital

No. 602
Random

Pressure Sensitive Adhesive Paper – Cartons of 100

5" Discs	6" Discs
No. 519P – 240 Grit	No. 577P – 240 Grit
No. 520P – 180 Grit	No. 578P – 180 Grit
No. 521P – 100 Grit	No. 579P – 100 Grit



No. 658
Dual Action
Random Orbital
or Disc Sander

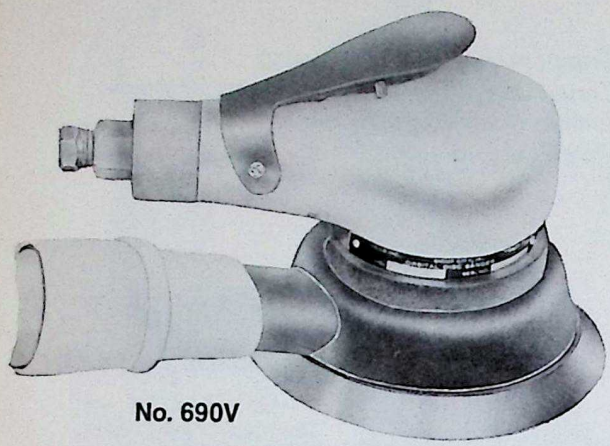
See page 21 for accessories

Cat. No.	R.P.M.	Throttle	Paper Size	Spindle Thread	H.P.	Height Inches	Net Wt. Tool Only Lbs.-Oz.	Recommended PSI	Hose Conn. NPT	Hose Size	Avg. Air Consumption CFM	Max. Air Consumption CFM	Options*
602	9,000	Palm	3"x8"	5/16"x24	.4	4-3/16	3-15	90	1/4"	3/8"	4	16	H,T,X
603	10,000	Thumb	5"	5/16"x24	.4	4-1/8	3-5	90	1/4"	3/8"	5	20	B,V,X
626	10,000	Thumb	5"	5/16"x24	.4	4-1/8	3-5	90	1/4"	3/8"	5	20	B,V,X
630	9,000	Palm	3-2/3"x9"	5/16"x24	.4	4-3/16	3-15	90	1/4"	3/8"	4	16	H,T,X
658	10,000	Lever	5"	5/16"x24	.4	4-1/8	3-5	90	1/4"	3/8"	5	20	B,V,X
660	10,000	Lever	6"	5/16"x24	.4	4-1/8	3-5	90	1/4"	3/8"	5	20	B,V,X
690	10,000	Palm	5"	5/16"x24	.4	4-1/8	3-0	90	1/4"	3/8"	5	20	B,H,V,X
697	10,000	Palm	6"	5/16"x24	.4	4-1/8	3-0	90	1/4"	3/8"	5	20	B,H,V,X

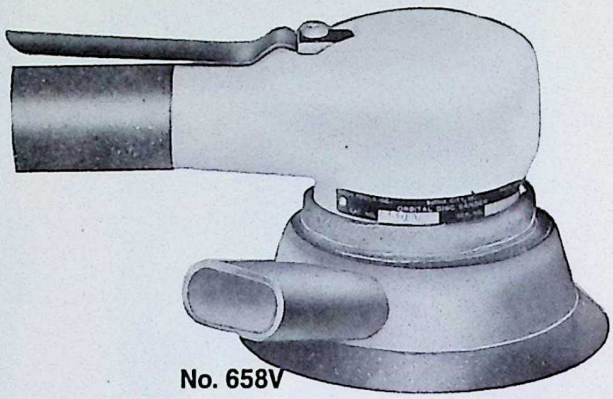
***Options**
B–Less pad
H–Handle extension
T–Thumb throttle
V–Vacuum pad
X–Remote exhaust hose

Air Finishing Sanders With Vacuum Pickup

- Vacuum pickup dust control
- Built-in speed control
- Dual action on 658, 660 models: random orbital or disc sander



No. 690V



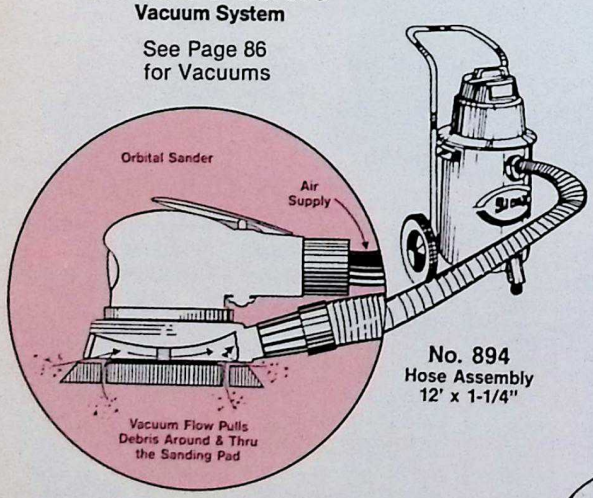
No. 658V

See page 21 for accessories

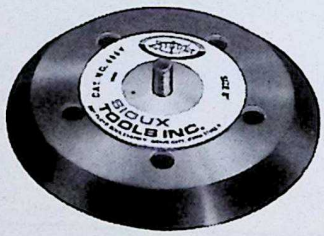
Cat. No.	R.P.M.	Throttle	Paper Size	Height Inches	Net Wt. Tool Only Lbs.-Oz.	PSI	Hose Conn.	Hose Size	Avg. Air Consumption CFM	Max. Air Consumption CFM
603V	10,000	Thumb	5	4-1/8	3-5	90	1/4"PT	3/8"	5	20
626V	10,000	Thumb	6	4-1/8	3-5	90	1/4"PT	3/8"	5	20
658V	10,000	Lever	5	4-1/8	3-5	90	1/4"PT	3/8"	5	20
660V	10,000	Lever	6	4-1/8	3-5	90	1/4"PT	3/8"	5	20
690V	10,000	Palm	5	4-1/8	3-0	90	1/4"PT	3/8"	5	20
697V	10,000	Palm	6	4-1/8	3-0	90	1/4"PT	3/8"	5	20

No. 880C or No. 870
Vacuum System

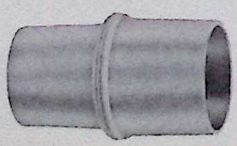
See Page 86 for Vacuums



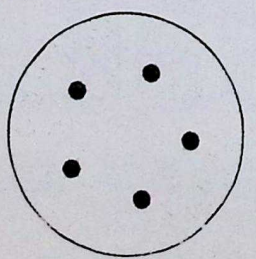
No. 894
Hose Assembly
12' x 1-1/4"



No. 585V – 5" PSA vacuum pickup sanding disc backing pad
No. 583V – 6" PSA vacuum pickup sanding disc backing pad



No. 895 — Vacuum shroud hose cuff.



Pressure Sensitive Discs
Cartons of 100

5" Discs
No. 519PV – 240 Grit with vacuum pickup holes
No. 520PV – 180 Grit with vacuum pickup holes
No. 521PV – 100 Grit with vacuum pickup holes

6" Discs
No. 577PV – 240 Grit with vacuum pickup holes
No. 578PV – 180 Grit with vacuum pickup holes
No. 579PV – 100 Grit with vacuum pickup holes

Electric Polishers, Heat Gun

No. 1203DI
3000 RPM

No. 1200DI
2000 RPM

No. 1216DI
1500 RPM

- All ball and needle bearing construction
- Powered with genuine SIOUX-wound motor
- Lock "on" AC/DC switch
- Easy access spindle lock
- Integral tool rest
- No. 1211 polishing pad included
- No. 846C back-up pad included

See page 16 for pads.

WARNING: TOOL SPEED MUST NOT EXCEED RECOMMENDED SPEED OF POLISHING PAD HOLDER. THIS TOOL IS NOT TO BE USED AS A GRINDER. FOR SAFE OPERATION REFER TO A.N.S.I. B186.1, OR INSTRUCTION MANUAL. **ALWAYS WEAR EYE PROTECTION.**

Cat. No.	Pad Size	R.P.M. No Load	Spindle Thread	Overall Length Inches	Net Wt. w/Pad & Holder Lbs.-Oz.	H.P.	Volts	Amps
1200DI	8	2000	5/8"-11	17	10	1-1/2	115	10
1203DI	8	3000	5/8"-11	17	10	1-1/2	115	10
1216DI	8	1500	5/8"-11	17	10-14	.75	115	6.5

NEW

Hot Air Gun

No. 1402

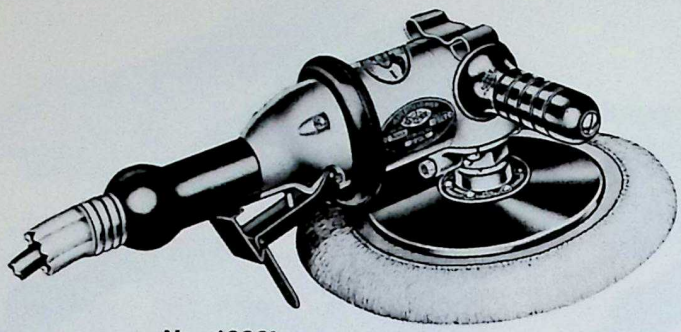
No. 1402 Sioux Electronic Heat Gun

High quality solid state construction, a powerful heater, and a unique variable temperature control dial make this the professional heat gun.

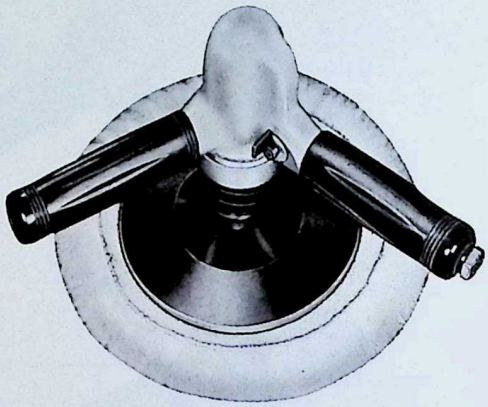
Technical Specifications

Voltage: 110 V AC
Output: 1500W
Operating Temperatures: Low - 250°
High - 1100°F

Net Weight: 2.5 lbs.
Cord Length: 6 feet
Fan Speed: High, Low



No. 1238L
Governor Controlled Lever-Lock Throttle



No. 1292

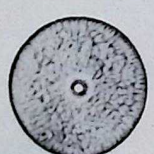
- Ball and needle bearings
- Remote exhaust available on air polishers for quiet operation. Standard on 1238 and 1238L. Optional on 1292, 1296, suffix X.

Cat. No.	Pad Size	R.P.M. No Load	Throttle	Spindle Thread	Overall Length Inches	Net Wt. w/Pad & Holder Lbs.-Oz.	H.P.	Hose Conn.	Hose Size	Air Consumption Free Speed CFM	Air Consumption Full Load CFM
1238	8	3000	Thumb	5/8"-11	11-1/4	7-14	1	1/4"	3/8"	16	33
1238L	8	3000	Lever-Lok	5/8"-11	11-1/4	7-14	1	1/4"	3/8"	16	33
1292	8	3000	Thumb	5/8"-11	7-1/8	4-2	1	1/4"	3/8"	38	30
1296	8	2000	Thumb	5/8"-11	7-1/8	4-2	1	1/4"	3/8"	38	30

WARNING: TOOL SPEED MUST NOT EXCEED RECOMMENDED SPEED OF POLISHING PAD HOLDER. THIS TOOL IS NOT TO BE USED AS A GRINDER. FOR SAFE OPERATION REFER TO A.N.S.I. B186.1, OR INSTRUCTION MANUAL. **ALWAYS WEAR EYE PROTECTION.**

Accessories for Air & Electric Polishers with 5/8"-11 Thread

No. 846C



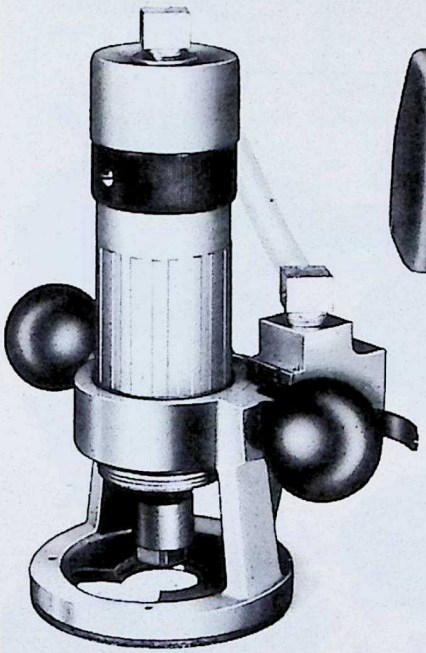
No. 1211

No. 843

Cat. No.	Description	Used With
846C	Rubber Holder w/7/8" Hole—Includes No. 524	
524A	Retainer—3/8"-16 Thread for 846C Holder	
524	Retainer—5/8"-11 Thread 11/16" Long	1200, 1203
843	Tie on Wool Bonnet—Weight 4 oz. (10 Bonnets to a Case)	1238, 1238L
1211	Wool Polishing Pad—4 oz. 7/8" Hole (10 Pads to a Case)	1292, 1296
1213	Wash Mitt	

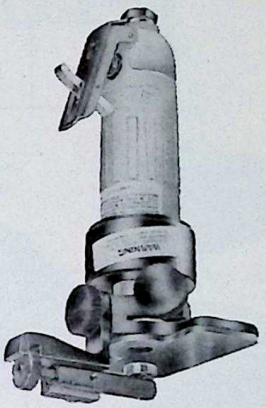
Air Routers, Laminate Trimmers

- Choice of power—.75 or 1.5 horsepower
- Choice of collets—1/4, 3/8, or 1/2 inch
- Burn-out proof motor even at full stall loading
- Choice of throttle on 1980 & 1981.

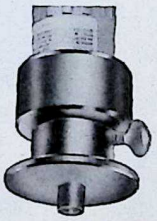


No. 1980F-1981F

No. 1982-1983

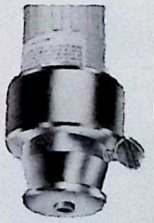


No. 1971HP



1971 HPA

1971 HPB



1971 HPC

For 1980 1981 1982 1983 Series Only

No. 1990 Template Follower (7/16" Dia. Hole)

No. 1991 Laminate Trimmer

No. 1992 Router Base

No. 1993 Large Template Follower

No. 1994 Small Template Follower

For 1971HP Series Only

Cat. No.	Throttle	Collet Size Inches	Speed R.P.M.	Weight Lbs.-Oz.	Base Diameter Inches	H.P.	Overall Height Inches	Air Consumption CFM	Includes
1971HP	Lever-lock	1/4	23,000	2-13	3-1/2x1-1/2	.75	6-1/2	27	1991
1971HPA	Lever-lock	1/4	23,000	2-13	3	.75	6-1/2	27	1993
1971HPB	Lever-lock	1/4	23,000	2-13	3	.75	6-1/2	27	1992
1971HPC	Lever-lock	1/4	23,000	2-13	2	.75	6-1/2	27	1994
1980	Twist	3/8	20,000	4-8	4	1.5	7-5/8	38	
1980F	Finger	3/8	20,000	6	4	1.5	9-3/4	38	
1981	Twist	1/2	20,000	4-8	4	1.5	7-5/8	38	
1981F	Finger	1/2	20,000	6	4	1.5	9-3/4	38	
1982	Twist	3/8	20,000	7-8	6	1.5	8-1/4	38	
1983	Twist	1/2	20,000	7-8	6	1.5	8-1/4	38	

5/8"-11 Thread Accessories

Preferred

7" 9"

No. 544 Holder

No. 544 Holder

No. 545 Set

No. 548

No. 548H Backing Pad

No. 545H Set

No. 542 Retainer

No. 524 Disc Nut

No. 548 Backing Pad

No. 551

No. 551H Backing Pad

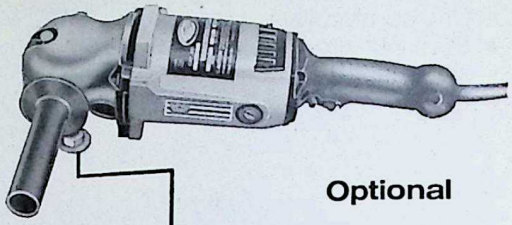
No. 546 Set

No. 546H Set

No. 542 Retainer

Sanding Disc

No. 524 Disc Nut



Optional

7" 9"

No. 525 Holder

No. 525 Holder

No. 525-7 Backing Pad

No. 525-9 Backing Pad

Sanding Disc

No. 524 Disc Nut

Sanding Disc

No. 524 Disc Nut

CAUTION
Use any grinding device only with the appropriate guard.

Preferred Sets for 5/8"-11 Thread Spindle Sanders

	Cat. No.	Description	Used With
SETS	545	7" Std. Duty—Includes No. 544 & No. 548	1274, 1276, 1287, 1287L, 1290
	545H	7" H.D.—Includes No. 544 & No. 548H	
	546	7" & 9" Std. Duty—No. 548 & No. 551	1274, 1276
	546H	9" H.D.—Includes No. 544 & No. 551H	

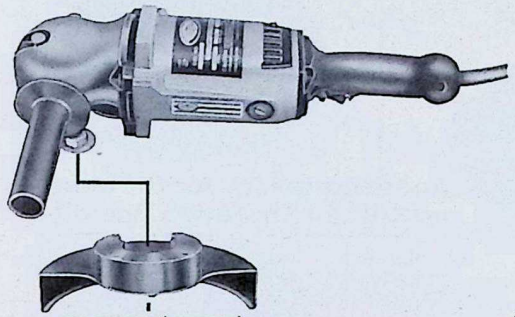
	Cat. No.	Description
DISC HOLDERS	544	5" Includes No. 542 & No. 524
	525	5" Includes No. 524
BACKING PADS	548	7" Std. 15/16" Hole used with No. 544
	548H	7" H.D. 15/16" Hole used with No. 544
	525-7	7" Std. Duty 7/8" Hole used with No. 525
	525-9	9" Std. Duty 7/8" Hole used with No. 525
	551	9" Std. Duty 15/16" Hole used with No. 544
	551H	9" H.D. 15/16" Hole used with No. 544
RETAINER & DISC NUTS	542	used with No. 544
	543	5/8"-11 used with No. 544
	524	5/8"-11 used with No. 544

Air & Electric Sander & Grinder Accessories

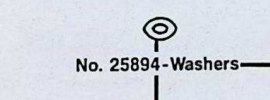
5/8"-11 Thread Accessories

Accessories for 7" & 9" Air & Electric Grinders with 5/8"-11 Threaded Spindle

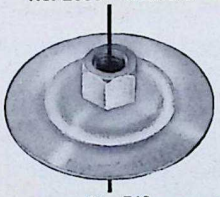
	Cat. No.	Description	Used With
FLANGE SET	510	Depressed Center Flange Adaptor Set	All 5/8"-11 Thread Dep. Cen. Grinders
	25894	Spacing Washers (as required)	No. 510 Adaptor
	512	Flange Nut	No. 510 Adaptor
	30110	3/8" Allen Wrench	No. 510 Flange Nut



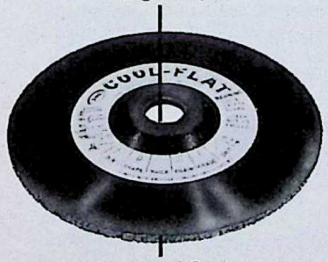
Use proper depressed Center Wheel Guard



No. 25894-Washers



No. 510 Flange Adaptor

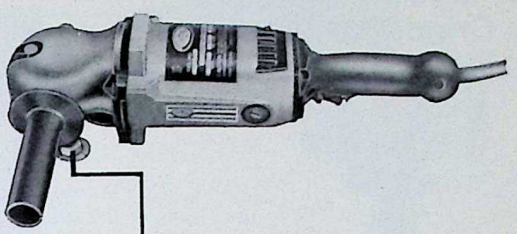


Depressed Center Grinding Wheel-7/8" Hole

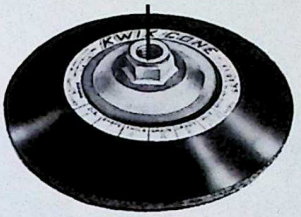
No. 512-Flange Nut

No. 30110-Allen Wrench

No. 510 Flange Set



Use proper depressed Center Wheel Guard



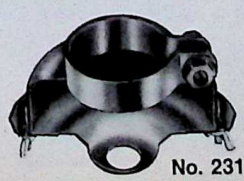
Depressed Center Grinding Wheel w/5/8"-11 Thread

Guards for Air & Electric Grinders

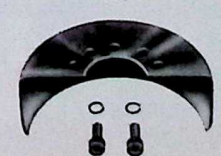
	Cat. No.	Description	Size Ins.	Used On
AIR & ELECTRIC GRINDER GUARDS	2309	1	3	L1960
	2310	2	2	L1970
	2311	2	3	508, 509, 511
	2314	2	6	517
	2315	2	8	541
	2316	1	9	V Series—up to Serial "G"
	63162	1	9	V Series—Serial "G" and up
	2317	1	7	V Series—up to Serial "G"
	63161	1	7	V Series—Serial "G" and up
	2321	1	7	1285, 1285L
	2322	3	6	505, 532*
	2325	1	7	1265, 1267, 1275, 1277
	2326	1	7	505, 532*
	2327	1	9	505, 532*
	2328	1	9	1250, 1252, 1279
	2329	3	6	V Series—up to Serial "G"
	63160	3	6	V Series—Serial "G" and up
	2336	1	7	1291
	2337	1	4	1293
	2338	1	3	1294
	2340	1	4-1/2	1240
	2345	1	5	1245
	2346	1	3	1966
	2347	1	4	1967
	2348	1	7	1275A, 1277A
	2349	1	9	1279A

*Use No. 12258 Adaptor for No. 532 Grinder.

1—For Depressed Center Grinding Wheels
2—For Straight Grinding Wheels
3—For Cup Grinding Wheels



No. 2311

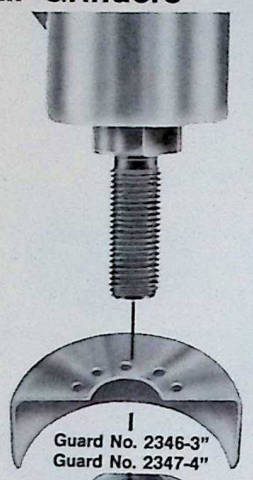


No. 2346

No. 2337

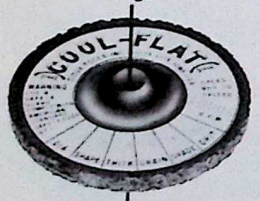
3/8"-24 Thread Accessories

Accessories for No. 1966 & 1967 Air Grinders



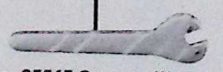
Guard No. 2346-3"
Guard No. 2347-4"

No. 54958
Flange



Depressed Center
Grinding Wheel-3/8" Hole

No. 54959
Female Threads



No. 35545-Spanner Wrench
No. 30505-Wrench 5/8"

Accessories for 1965 Air Sanders

No. 2344
Disc Holder

Abrasive Disc

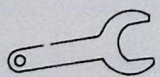
No. 563
Disc Nut

Accessories for Air Grinders w/3/8"-24 Threaded Spindles

	Cat. No.	Description	Used With
SANDER	2344	5" Disc Holder—Includes No. 563	1965
	563	Disc Nut	2344
GRINDER	35320	Spanner Wrench	54323
	54958	Dep. Cen. Grinding Wheel Flange	1966, 1967
	54959	Grinding Wheel Retainer—3/8"-24 Thd.	1966, 1967

WARNING: Tool speed must not exceed maximum speed rating of backing pad or grinding wheel. If tool is used as a grinder, appropriate guard must be used. Failure to do so may result in serious injury or death from exploding wheels. Refer to A.N.S.I. B7.1, and A.N.S.I. B186.1.
—Always Wear Eye Protection—

Wrenches



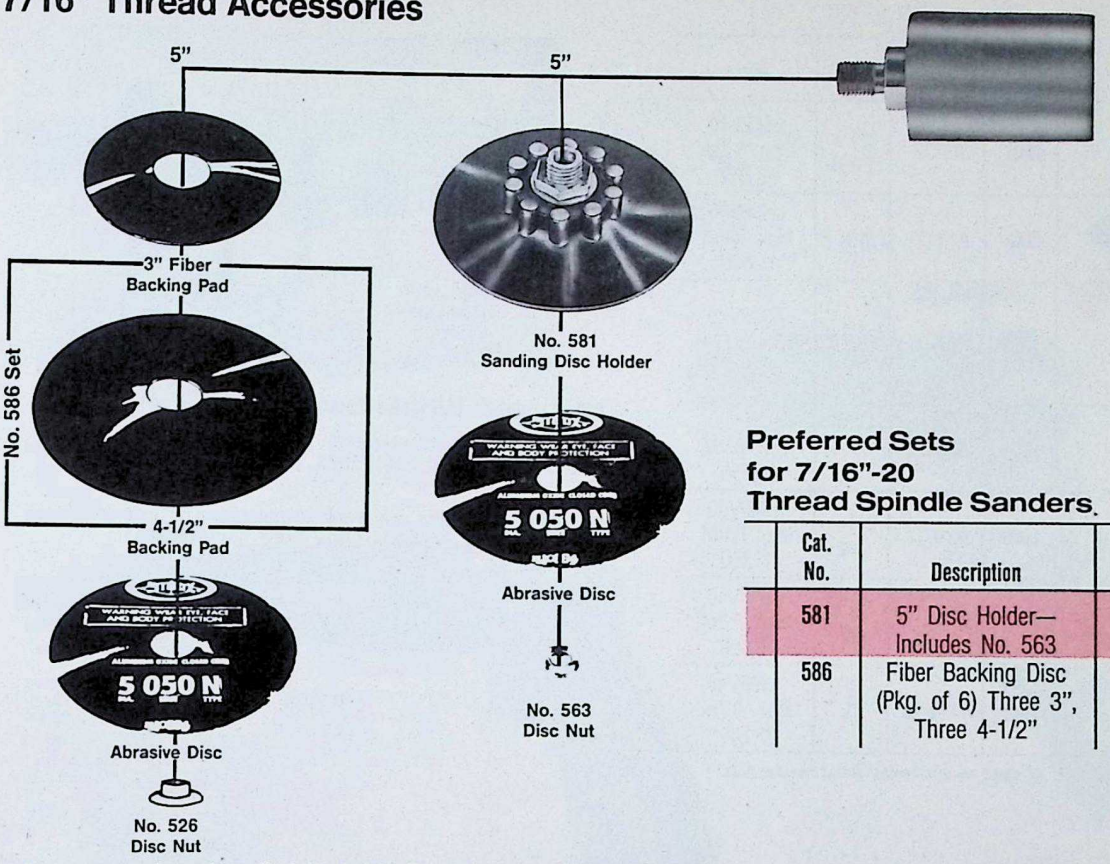
Cat. No.	Description	Used With
538	Flat—5/8" Opening	503, 506 & 560
2304	Flat—2-1/8" Opening	1270 & All Ver. Air Grinders & Sanders
2308	Flat—1-1/4" Opening	1285 & 1285L
30110	Allen—3/8" Capacity	512 Flange Nut
35532	Flat—5/8" Opening	590, 590V, 595, 595V
35320	Spanner	1293 & 1294

Adapters
No. 554—Spacer to convert straight wheel grinder to cone wheel.
No. 948—Increases 3/8"-16 thread to 5/8"-11.

Accessories for No. 1240
No. 1241—2-3/8" Knot Type Wire Brush.
No. 1242—5" Sanding Pad.

Air & Electric Sander & Grinder Accessories

7/16" Thread Accessories

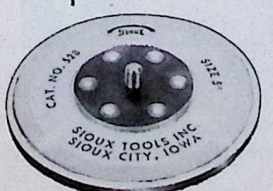


Preferred Sets for 7/16"-20 Thread Spindle Sanders

	Cat. No.	Description	Used With
	581	5" Disc Holder—Includes No. 563	7040A
	586	Fiber Backing Disc (Pkg. of 6) Three 3", Three 4-1/2"	

Accessories for Orbital Air Sanders w/5/16"-24 Female Threaded Spindle

	Cat. No.	Description	Used With
5" & 6" BACKING PADS	528	5" Backing Pad For Glue on Abrasive Discs (Square Edge Canvas Backing)	503, 558, 590, 590M, 603, 658, 690, 690X
	530	6" Backing Pad For Glue on Abrasive Discs (Square Edge Canvas Backing)	506, 560, 595, 595M, 626, 660, 697, 697X
	585	5" Backing Pad For Pres. Sensitive Discs (Tapered Edge Vinyl Backing)	503, 558, 590, 590M, 603, 658, 690, 690X
	585V	5" Vacuum Backing Pad For Pres. Sensitive Discs (Tapered Edge Vinyl Backing)	503V, 558V, 590V, 590MV, 603V, 658V, 690V, 690VX
	583	6" Backing Pad For Pres. Sensitive Discs (Tapered Edge Vinyl Backing)	506, 560, 590, 590M, 626, 660, 697, 697X
	583V	6" Vacuum Backing Pad For Pres. Sensitive Discs (Tapered Edge Vinyl Backing)	503V, 558V, 590V, 590MV, 603V, 658V, 690V, 690VX
	695	5" Backing Pad For Pres. Sensitive Discs (Tapered Edge Vinyl Backing)	
	696	6" Backing Pad For Pres. Sensitive Discs (Tapered Edge Vinyl Backing)	



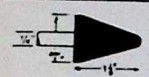
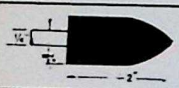
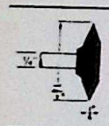
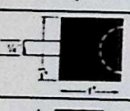
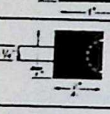
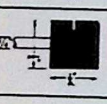
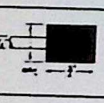
No. 528–5"
No. 530–6"
Backing Pad

No. 695–5"
No. 696–6"
Backing Pad

No. 585–5"
No. 583–6"
Backing Pad

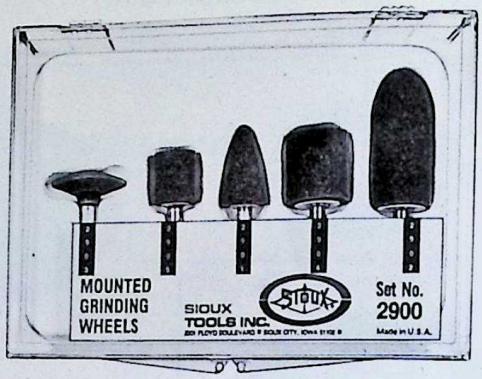
No. 585V–5"
No. 583V–6"
Backing Pad

Mounted Wheels and Collet Chucks

	Catalog Number	Shape	Size	Specs
	2901	A5-D2	3/4 x 1-1/8	A60PV40 Max. R.P.M. 33,750*
	2902	A11-D2	7/8 x 2	A60PV40 Max. R.P.M. 15,100*
	2903	A37-D2	1-1/4 x 1/4	A80RV40 Max. R.P.M. 30,560*
	2904	A38-D2	1 x 1	A60PV40 Max. R.P.M. 26,250*
	2905	A39-D2	3/4 x 3/4	A60PV40 Max. R.P.M. 35,250*
	2906	W185-D2	1/2 x 1/2	A60PV40 Max. R.P.M. 22,500*
	2907	W177-D2	3/8 x 3/4	A60PV40 Max. R.P.M. 23,250*

D2—Mandrel Size—1/4"
*With up to 1" Overhang

All wheels are a soft bonded vitrified Aluminum Oxide



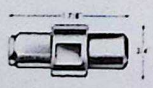
Mounted Wheel Sets

No. 2900—Contains one each of the following in a 5-1/2" by 7-5/8" plastic box: 2901, 2902, 2903, 2904, 2905.

No. 2910—Contains one each of the following in a 3-1/2" by 5-1/4" plastic box: 2901, 2904, 2905, 2906, 2907.

Collet Chucks

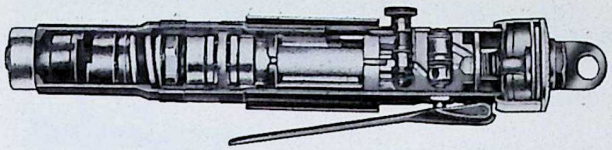
For Nos. 1947, 1948, 1949, 1950, 1953HP, 1954HP, 2L1940, 1962, 1963, 1964 Die Grinders

	Erickson Collet Chuck			SIOUX Collet Chuck			Erickson Collets Used On 1980 Series						
							1985 Up to Ser. "C"	1985A Up to Ser. "C"	1980 1982 Up to Ser. "C"	1981 1983 Up to Ser. "C"	1985 1980A Ser. "C" & Up	1980 1982 1985A Ser. "C" & Up	1981 1983 Ser. "C" & Up
	1/8"	3/16"	1/4"	1/8"	3/16"	1/4"	1/4"	3/8"	3/8"	1/2"	1/4"	3/8"	1/2"
Thread Size *	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	— —	— —	— —	— —	3/8"-24 —	3/8"-24 —	3/8"-24 —
Complete Chuck *	43346 43349	43347 43350	43348 43351	43342 43345	43341 43344	43340 43343	53526 —	53480 —	53912 —	53524 —	63260 —	63261 —	63262 —
Collet	21102	21101	21100	44522	44523	44440	21110	21111	21125	21124	21126	21125	21124
Collet Body *	21103 21106	21103 21106	21103 21106	21096 21098	21096 21098	21096 21098	21118 —	21118 —	21122 —	21122 —	21135 —	21135 —	21135 —
Collet Nut	21104	21104	21104	21097	21097	21097	21119	21119	21123	21123	21138	21138	21138
Collet Nose Piece	21105	21105	21105	—	—	—	—	—	—	—	—	—	—

* Shaded lines are for 5/16"-24 thread.
* Unshaded lines are for 3/8"-24 thread.
SIOUX Nos. 1949, 1950 have 5/16"-24 threads.
SIOUX Nos. 1954HP, 2L1940, 1962, 1963, 1964 have 3/8"-24 threads.

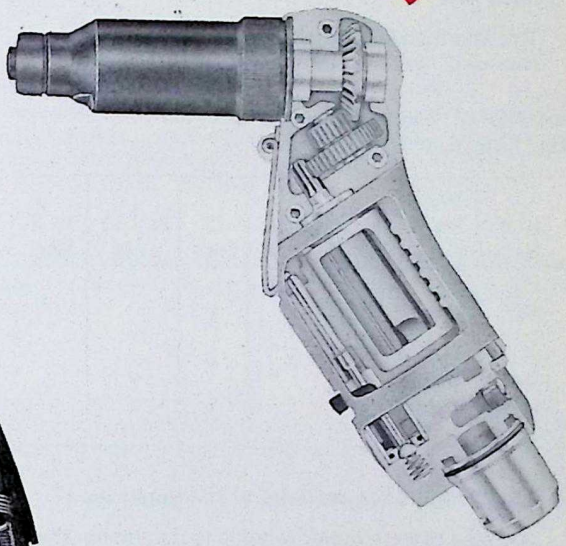
NOTE: Collets can be interchanged as long as collet body number stays the same. Example: 21102, 21101, 21000 collets all fit body No. 21103 (3/8" thread) or 21106 (5/16" thread).

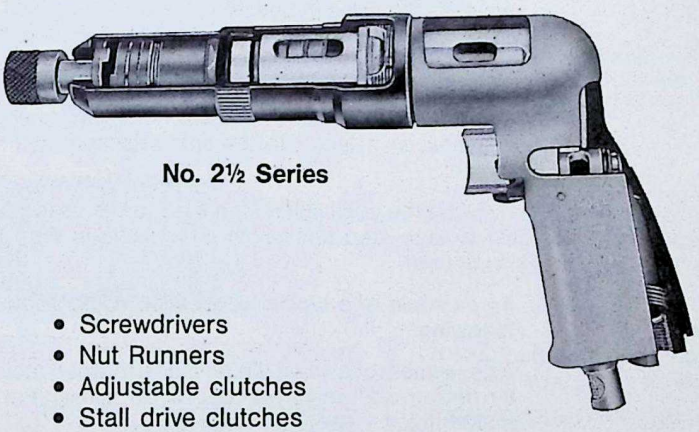
Assembly Tools and Accessories Air and Electric



No. 1 Series

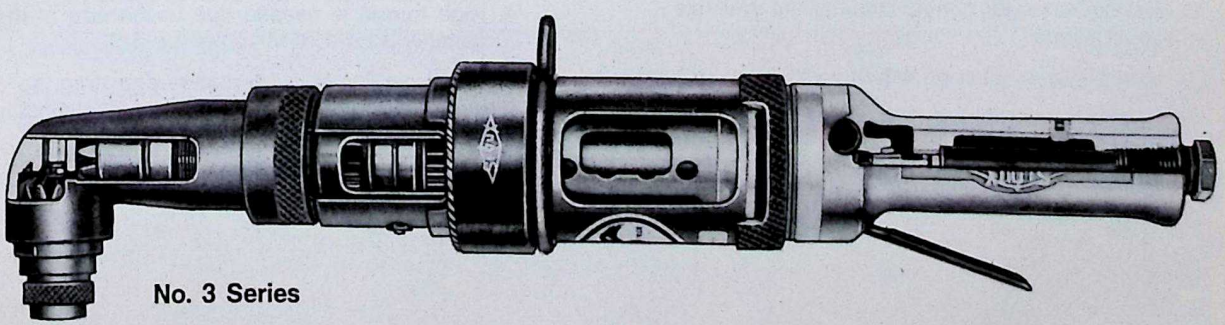
2S Series NEW





No. 2½ Series

- Screwdrivers
- Nut Runners
- Adjustable clutches
- Stall drive clutches
- Direct drive clutches
- Depth locator clutches
- Reversible
- Non-reversible



No. 3 Series

Which Tool Do I Need?

SIOUX Tools manufactures four series of assembly tools: the No. 1 Series, the Rapid Reverse Series, the No. 2-1/2 Series, the No. 3 Series, and the 2S Series. Each series is designed for certain applications. Each series is available in a variety of configurations with angle, pistol and lever handles. Each is available with various clutches.

The information on this page and the next will aid the buyer in determining the proper clutch and tool for his particular application.

1. What is the screw or fastener size the tool will be used on?

This information determines which tool size is necessary and the following is a guide.

General Tool Selection Chart By Torque Required

Thread Size	Torque Req'd. In. Lbs.	No. 1 Series	Rapid Reverse Series	2S Series	No. 2-1/2 Series	No. 3 Series
2-56	2	X				
6-32	8	X	X	X		
10-32	30	X	X	X	X	
1/4"-28	90		X	X	X	
5/16"-18	130				X	X
3/8"-24	360				X	X
1/2"-20	840					X

2. What is the base material of the application?

The type of base material helps to determine which type clutch is needed on the tool. (See clutch application chart.)

3. What are the torque requirements?

A rule to remember is that as the speed of the tool increases, the power or torque produced decreases. Same size tools can vary greatly in power due to gearing.

A. Stall or direct drive tools give the most power.
B. Positive clutch tools are operator power controlled.
C. Adjustable torque control clutches are available on all series.

4. At what angle or position will the tool be used?

This helps determine which style tool will do the best job.

A. Vertical—Usually a lever handled tool is used in this position.
B. Horizontal—A pistol handled tool is best in this position. 2S Series also work well in this position.
C. Tight or restricted areas—An angle or 2S Series tool is usually needed for these areas.

5. Is reversing necessary?

SIOUX Tools manufactures both reversing and single rotation tools. Except for the #1 Series tools where power is the same in both directions, the reversing tools normally have less power and cost a bit more.

6. Is the application operator influenced or restricted?

A. Is the operator male or female? This can sometimes be a factor in the size selection of the tool.
B. Does the application lend itself to the usage of an auto-start tool which is available in the #1 Series?

An example of a typical application could be the following:

An assembly of a wood leg on a casual wood table by driving a 2" long 1/4" dia. wood screw. (Predrilled hole.)

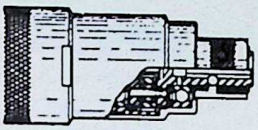
1. Because of the 1/4" diameter screw, a #2-1/2 Series tool will probably do the job.
2. A pistol or 2S Series handle should do the job since it is a horizontal application.
3. This is an assembly operation only so a reversing tool should not be necessary.
4. High torque is needed due to the size of the fastener so low RPM should be best.
5. Wood causes high resistance and drag, so a direct, stall or positive clutch would probably work best.

Possible tools for the above: 2S1101, 2S1103, 2P2203A, 2P2203.

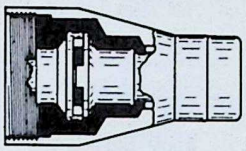
Clutch Selection Information

Screwdrivers and Nut Runners

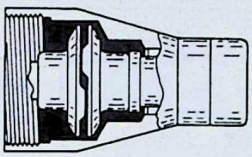
How to Select Proper Clutch



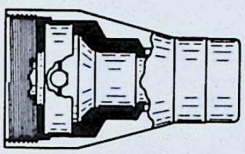
STALL DRIVE—All series. Spindle turns with motor. Motor stalls when fastener is tight. For soft pull up, machine, wood or self tapping screws.



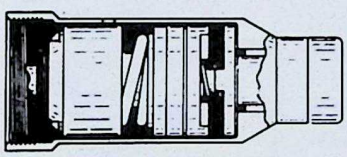
DIRECT CLUTCH—Rapid Reverse, No. 2-1/2, 2S Series. Spindle doesn't turn with motor. Pressure on spindle engages straight jaws to turn spindle. Motor stalls when fastener is tight. Excellent stall type tool when tightening group of fasteners without turning off motor.



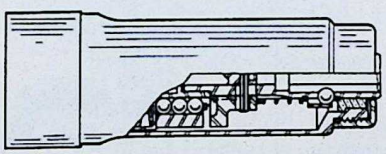
POSITIVE CLUTCH-ANGULAR JAW—Rapid Reverse, No. 2-1/2, 3, 2S Series. Spindle doesn't turn with motor. Pressure on spindle engages angular jaws to turn spindle. Clutch ratchets when certain tightness is reached. Tightness determined from pressure by operator. For wood screws, sheet metal screws, lag screws, machine screws.



POSITIVE CLUTCH—Standard on Rapid Reverse, No. 2-1/2, 2S Series. Similar to angular jaw except 4 rollers engage angular teeth. Ratchets faster and blow not as hard. Life increased on lighter applications.



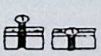
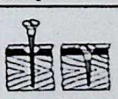
ADJUSTABLE CLUTCH—All Series. Spindle doesn't turn with motor. Pressure on spindle causes spindle to turn. When fastener is tight clutch will ratchet. Adjusting spring pressure will change torque. For consistent torque control, little operator reaction.



TORQUE CONTROL—No. 1, 2½, 3 Series. Motor shuts off automatically when fastener is tight. Adjusting spring pressure will change torque for critical torque requirements.

PUSH-TO-START—No. 1 Series. Motor starts with pressure to spindle.

ANGLE TOOLS—Spindle turns with motor.

		Application		
		Free Run Down With Sudden Solid Stop	Soft Pull Up and Run Down, Soft Compression	Long, Continuous Run Down, Drag, Wood Screws
				
Screw Size	Clutch			
Small Screws #8 and Smaller	Adjustable	Excellent	Excellent	Excellent
	Stall	Excellent	Good	Excellent
	Direct	Good	Good	Good
	Positive	Fair	Fair	Good
Large Screws #9 and larger	Adjustable	Good	Fair	Fair
	Stall	Good	Excellent	Excellent
	Direct	Good	Excellent	Excellent
	Positive	Excellent	Good	Good

Catalog Numbering Index
No. 1 Series

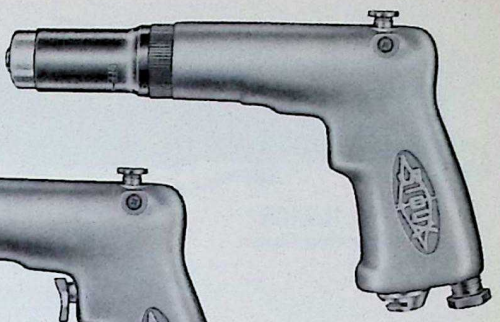
Handle		Motor		R.P.M.		Chucks		Clutches	
1L	Lever Handle	1	Non-Reversing	1	825 R.P.M.	0	"0" Represents Omission of Chuck when Clutch is used	0	"0" Represents Omission of Clutch When Chuck is used
1P	Pistol Handle	2	Reversing	2	1250 R.P.M.				
1T	Auto Start			3	2000 R.P.M.	1	1/4"-28 Female Threaded Spindle Angle Tool	1	Direct Clutch 1/4" Hex Female Angle Screwdriver
1A	Lever Handle Angle			4	1600 R.P.M. Auto Start Not Available	2	5/32" Chuck Angle Tool	2	Direct Clutch 1/4" Square Male Angle Nut Runner
				5	2300 R.P.M. Angle Tool Drill Only Non-Reversible	3	3/16" Collet Chuck Angle Tool	5	Adjustable Clutch 1/4" Hex Female Screwdriver
				6	2900 R.P.M. Angle Tool Drill Only Non-Reversible			5M	Adjustable Clutch Magnetic 1/4" Hex Female Screwdriver
				7	4100 R.P.M. Angle Tool Drill Only			6	Adjustable Clutch 1/4" Hex Female Screwdriver For Auto Start
								6	Adjustable Clutch 1/4" Square Male Nut Runner Angle Tool
								6M	Adjustable Clutch Magnetic 1/4" Hex Female Screwdriver For Auto Start
								7	Stall Drive 1/4" Hex Female Screwdriver
								8	Automatic Standard 1/4" Hex Female Screwdriver
								8M	Automatic Magnetic 1/4" Hex Female Screwdriver

EXAMPLE:
1P–Pistol Handle
1–Non-Reversing
3–2000 R.P.M.
O–Omission of Chuck When Clutch is Used
7–Stall Drive 1/4" Hex Female Screwdriver
Tool No. **1P1307**

Industrial Air Screwdrivers
No. 1 Series–1/8 HP
1/4" Hex Drive

No.1P2207
Trigger Start
Stall Drive

No.1P2305
Trigger Start
Adjustable Clutch



No.1P2308
Auto Start
Automatic Clutch

- Rear exhaust
- Choice of clutches

Stall Drive–1/4" Hex Quick Change Chuck

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque: Soft Pull-Up In. Lbs.	Torque: Free Running Slam In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Pistol	Reversible	825	1P2107	11/32	2-20	38	1/8"PT	3/16"	8-3/16	1-11
		1250	1P2207	11/32	2-15	36	1/8"PT	3/16"	8-3/16	1-11
		1600	1P2407	11/32	2-10	35	1/8"PT	3/16"	7-3/16	1-7
		2000	1P2307	11/32	2-10	32	1/8"PT	3/16"	7-3/16	1-7
	Non-Rev	825	1P1107	11/32	2-20	38	1/8"PT	3/16"	8-3/16	1-11
		1250	1P1207	11/32	2-15	36	1/8"PT	3/16"	8-3/16	1-11
		1600	1P1407	11/32	2-10	32	1/8"PT	3/16"	7-3/16	1-7
		2000	1P1307	11/32	2-10	35	1/8"PT	3/16"	7-3/16	1-7

Automatic Shut-Off–1/4" Hex Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque: Soft Pull-Up In. Lbs.	Torque: Free Running Slam In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Pistol	Rev	825	1P2108	11/32	5-20	40	1/8"PT	3/16"	8-13/16	1-14
		1250	1P2208	11/32	5-15	30	1/8"PT	3/16"	8-13/16	1-14
		2000	1P2308	11/32	5-10	25	1/8"PT	3/16"	7-13/16	1-10
	Non-Rev	825	1P1108	11/32	5-20	40	1/8"PT	3/16"	8-13/16	1-14
		1250	1P1208	11/32	5-15	30	1/8"PT	3/16"	8-13/16	1-14
		2000	1P1308	11/32	5-10	25	1/8"PT	3/16"	7-13/16	1-10

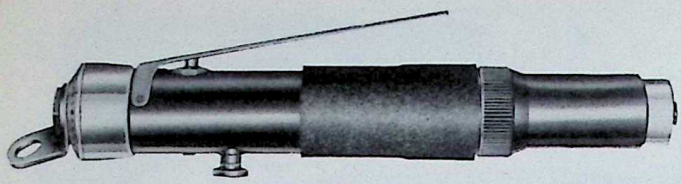
Auto Start–Adjustable Clutch

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque: Soft Pull-Up In. Lbs.	Torque: Free Running Slam In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Pistol	Rev	825	1P2106	11/32	2-20	38	1/8"PT	3/16"	8-13/16	1-14
		1250	1P2206	11/32	2-15	36	1/8"PT	3/16"	8-13/16	1-14
		2000	1P2306	11/32	2-10	35	1/8"PT	3/16"	7-13/16	1-10
	Non-Rev	825	1P1106	11/32	2-20	38	1/8"PT	3/16"	8-13/16	1-14
		1250	1P1206	11/32	2-15	36	1/8"PT	3/16"	8-13/16	1-14
		2000	1P1306	11/32	2-10	35	1/8"PT	3/16"	7-13/16	1-10

Adjustable Clutch–1/4" Hex Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque: Soft Pull-Up In. Lbs.	Torque: Free Running Slam In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Pistol	Rev	825	1P2105	11/32	2-20	38	1/8"PT	3/16"	8-13/16	1-14
		1250	1P2205	11/32	2-15	36	1/8"PT	3/16"	8-13/16	1-14
		1600	1P2405	11/32	2-10	35	1/8"PT	3/16"	7-13/16	1-10
		2000	1P2305	11/32	2-10	32	1/8"PT	3/16"	7-13/16	1-10
	Non-Rev	825	1P1105	11/32	2-20	38	1/8"PT	3/16"	8-13/16	1-14
		1250	1P1205	11/32	2-15	36	1/8"PT	3/16"	8-13/16	1-14
		1600	1P1405	11/32	2-10	35	1/8"PT	3/16"	7-13/16	1-10
		2000	1P1305	11/32	2-10	35	1/8"PT	3/16"	7-13/16	1-10

Industrial Air Screwdrivers
No. 1 Series—1/8 HP
1/4" Hex Female Drive



No.1L2105
Adjustable Clutch

Cushion Grip Housing Covers

No.1T2106
Auto Start
Adjustable Clutch

- Thinwall steel housing
- Reversible or non-reversible
- Compact
- Lightweight
- See complete tool numbering chart on page 26
- See clutch information chart on page 25
- Each tool equipped with No. 21385 Finder Spring and No. 44520 Retainer

No.1T1108
Auto Start
Automatic Clutch

Lever Start—Adjustable Clutch

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque: Soft Pull-Up In. Lbs.	Torque: Free Running Slam In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Lever	Rev	825	1L2105	19/32	2-20	38	1/8"PT	3/16"	9-1/4	1-11
		1250	1L2205	19/32	2-15	36	1/8"PT	3/16"	9-1/4	1-11
		1600	1L2405	19/32	2-10	35	1/8"PT	3/16"	8-1/4	1-7
		2000	1L2305	19/32	2-10	35	1/8"PT	3/16"	8-1/4	1-7
	Non-Rev	825	1L1105	19/32	2-20	38	1/8"PT	3/16"	8-7/8	1-9
		1250	1L1205	19/32	2-15	36	1/8"PT	3/16"	8-7/8	1-9
		1600	1L1405	19/32	2-10	35	1/8"PT	3/16"	7-7/8	1-5
		2000	1L1305	19/32	2-10	35	1/8"PT	3/16"	7-7/8	1-5

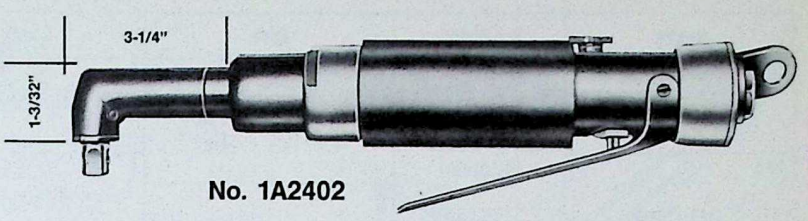
Auto Start—Adjustable Clutch

Auto-Start	Rev	825	1T2106	19/32	2-20	38	1/8"PT	3/16"	8-1/2	1-9
		1250	1T2206	19/32	2-15	36	1/8"PT	3/16"	8-1/2	1-9
		2000	1T2306	19/32	2-10	35	1/8"PT	3/16"	7-1/2	1-5
	Non-Rev	825	1T1106	19/32	2-20	38	1/8"PT	3/16"	8-1/2	1-9
		1250	1T1206	19/32	2-15	36	1/8"PT	3/16"	8-1/2	1-9
		2000	1T1306	19/32	2-10	35	1/8"PT	3/16"	7-1/2	1-5

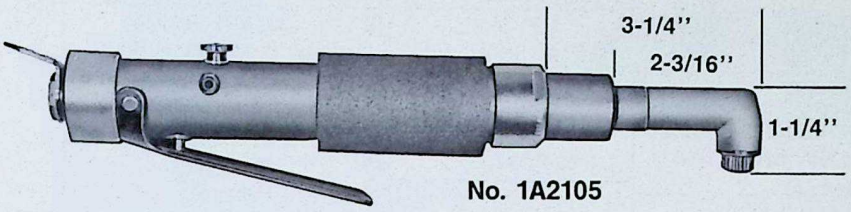
Auto Start—Automatic Clutch

Auto-Start	Rev	825	1T2108	19/32	5-20	40	1/8"PT	3/16"	8-1/2	1-9
		1250	1T2208	19/32	5-15	30	1/8"PT	3/16"	8-1/2	1-9
		2000	1T2308	19/32	5-10	25	1/8"PT	3/16"	7-1/2	1-5
	Non-Rev	825	1T1108	19/32	5-20	40	1/8"PT	3/16"	8-1/2	1-9
		1250	1T1208	19/32	5-15	30	1/8"PT	3/16"	8-1/2	1-9
		2000	1T1308	19/32	5-10	25	1/8"PT	3/16"	7-1/2	1-5

Industrial Angle Air Screwdrivers and Nut Runners No. 1 Series–1/8 HP



No. 1A2402



No. 1A2105

- Angle head for hard-to-reach applications
- See complete numbering chart on page 26

No. 1 Series Direct Clutch–1/4" Hex Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque: Soft Pull-Up In. Lbs.	Torque: Free Running Slam In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Reversible	825	1A2101	11/32	2-20	38	1/8"PT	3/16"	10-5/8	1-11
		1250	1A2201	11/32	2-15	36	1/8"PT	3/16"	10-5/8	1-11
		1600	1A2401	11/32	2-10	35	1/8"PT	3/16"	9-5/8	1-7
		2000	1A2301	11/32	2-10	32	1/8"PT	3/16"	9-5/8	1-7

No. 1 Series Adjustable Clutch–1/4" Hex Drive (Use Insert Bits, Page 50)

Angle	Reversible	825	1A2105	11/32	2-20	38	1/8"PT	3/16"	10-5/8	1-14
		1250	1A2205	11/32	2-15	36	1/8"PT	3/16"	10-5/8	1-14
		1600	1A2405	11/32	2-10	35	1/8"PT	3/16"	9-5/8	1-10
		2000	1A2305	11/32	2-10	32	1/8"PT	3/16"	9-5/8	1-10

No. 1 Series Direct Clutch–1/4" Square Drive

Angle	Rev	825	1A2102	11/32	2-20	38	1/8"PT	3/16"	10-5/8	1-11
		1250	1A2202	11/32	2-15	36	1/8"PT	3/16"	10-5/8	1-11
		1600	1A2402	11/32	2-12	35	1/8"PT	3/16"	9-5/8	1-7
		2000	1A2302	11/32	2-10	25	1/8"PT	3/16"	9-5/8	1-7
	Non-Rev	825	1A1102	11/32	2-20	38	1/8"PT	3/16"	10-1/4	1-9
		1250	1A1202	11/32	2-15	36	1/8"PT	3/16"	10-1/4	1-9
		1600	1A1402	11/32	2-12	35	1/8"PT	3/16"	9-1/4	1-5
		2000	1A1302	11/32	2-10	35	1/8"PT	3/16"	9-1/4	1-5

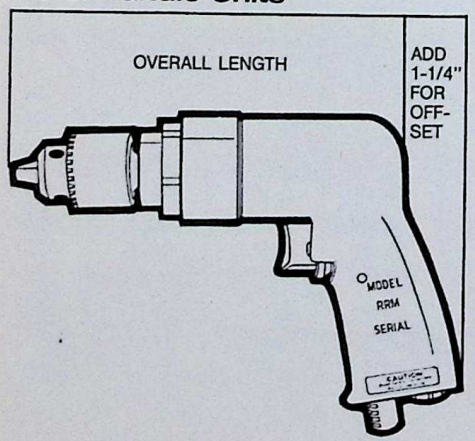
Adjustable Clutch–1/4" Square Drive

Angle	Rev	825	1A2106	11/32	2-20	38	1/8"PT	3/16"	10-5/8	1-14
		1250	1A2206	11/32	2-15	36	1/8"PT	3/16"	10-5/8	1-14
		1600	1A2406	11/32	2-12	35	1/8"PT	3/16"	9-5/8	1-10
		2000	1A2306	11/32	2-10	32	1/8"PT	3/16"	9-5/8	1-10
	Non-Rev	825	1A1106	11/32	2-20	38	1/8"PT	3/16"	10-1/4	1-12
		1250	1A1206	11/32	2-15	36	1/8"PT	3/16"	10-1/4	1-12
		1600	1A1406	11/32	2-12	35	1/8"PT	3/16"	9-1/4	1-8
		2000	1A1306	11/32	2-10	35	1/8"PT	3/16"	9-1/4	1-8

Catalog Numbering Index
No. 2-1/2 Series–
Pistol, Lever and Angle Handles

Handle	Air Motor	RPM	Chuck	Clutches	
2P Pistol Handle	**1** Non. Rev. (Right Hand Rotation)	**1** 900 Non Rev. 700 Rev.	**0** No Chuck	**0** No Clutch	Direct Clutch
2PX Pistol Handle w/Remote Exhaust	**2** Reversible	**2** 1600 Non Rev. 1200 Rev.	**1** 1/4" Chuck	**1** 1/4" Hex Female Screwdriver	
2L Lever Handle		**3** 3350 Non Rev. 2500 Rev.	**2** 1/2" Chuck 1/2"-20 Spindle Thd 540, 400, 900, 700 RPM only Not Available on Angle Tools	**1M** Magnetic 1/4" Hex Female Screwdriver	
2LX Lever Handle w/Remote Exhaust		**4** 5800 Non Rev. 4400 Rev.	**3** 3/8" Chuck 3/8"-24 Spindle Thd on RPM's 1600, 1200, 2600, 2000, 3350, 2500, 5800, 4400 1/2"-20 Spindle Thd on RPM's 540, 400 900, 700	**1Q** 1/4" Hex Female Quick Change Screwdriver	
2A Angle Tool		**5** 540 Non Rev. 400 Rev.		**2** 1/4" Square Nutrunner	
2AX Angle Tool w/Remote Exhaust		**6** 2600 Non Rev. 2000 Rev.		**2B** 3/8" Square Nutrunner	
		9 18,000 Non Rev. 16,000 Rev. Angle Tools Not Available	**4** 1/4" Sioux Collet Reversible Units Not Available	**3** 1/4" Hex Female Screwdriver	Positive Clutch
			5 1" Dia. Angle Available in Direct Clutch Only	**3M** Magnetic 1/4" Hex Female Screwdriver	
			7 Stall Bar Non Rev. Only	**3Q** 1/4" Hex Female Quick Change Screwdriver	
			8 Multi-Angle Drill Non Rev. 5000 RPM Max.	**4** 1/4" Square Nutrunner	
				4B 3/8" Square Nutrunner	
				3A 1/4" Hex Female Screwdriver	Positive Clutch "A" Type
				3AD 1/4" Hex Female Screwdriver w/Depth Locator	
				3AM Magnetic 1/4" Hex Female Screwdriver	
				3AQ 1/4" Hex Female Quick Change Screwdriver	
				4A 1/4" Square Nutrunner	
				4AB 3/8" Square Nutrunner	
				5 1/4" Hex Female Screwdriver	Adjustable Clutch
				5M Magnetic 1/4" Hex Female Screwdriver	
				5Q 1/4" Hex Female Quick Change Screwdriver	
				6 1/4" Square Nutrunner	
				6B 3/8" Square Nutrunner	
				7 Stall Drive	

Pistol Handle Units

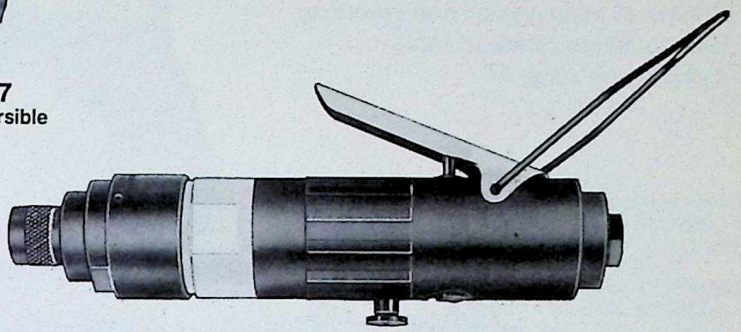


All tools meet OSHA sound level requirements

Industrial Air Screwdrivers
No. 2-1/2 Series–Stall Drive–
Quick Change Chuck–3/4 HP

NEW

No. 2P2307
Stall Drive, Reversible



No. 2L2607
Stall Drive, Reversible

- Reversible or non-reversible
- Stall drive
- Remote exhaust available

Stall Drive–1/4" Hex Female Drive With Quick Change Chuck

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Stall Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Lever	Reversible	400	2L2507	29/32	310	1/4"PT	3/8"	10	2-12
		700	2L2107	29/32	240	1/4"PT	3/8"	10	2-12
		1200	2L2207	29/32	115	1/4"PT	3/8"	10	2-12
		2000	2L2607	29/32	75	1/4"PT	3/8"	8-3/4	2-4
		2500	2L2307	29/32	65	1/4"PT	3/8"	8-3/4	2-4
		4400	2L2407	29/32	55	1/4"PT	3/8"	8-3/4	2-4
	Non-Reversible	540	2L1507	29/32	385	1/4"PT	3/8"	9-1/8	2-9
		900	2L1107	29/32	265	1/4"PT	3/8"	9-1/8	2-9
		1600	2L1207	29/32	145	1/4"PT	3/8"	9-1/8	2-9
		2600	2L1607	29/32	105	1/4"PT	3/8"	7-7/8	2-1
		3350	2L1307	29/32	95	1/4"PT	3/8"	7-7/8	2-1
		5800	2L1407	29/32	65	1/4"PT	3/8"	7-7/8	2-1
Pistol	Reversible	400	2P2507	29/32	310	1/4"PT	3/8"	6-5/8	2-11
		700	2P2107	29/32	240	1/4"PT	3/8"	6-5/8	2-11
		1200	2P2207	29/32	115	1/4"PT	3/8"	6-5/8	2-11
		2000	2P2607	29/32	75	1/4"PT	3/8"	5-3/8	2-4
		2500	2P2307	29/32	65	1/4"PT	3/8"	5-3/8	2-4
		4400	2P2407	29/32	55	1/4"PT	3/8"	5-3/8	2-4
	Non-Reversible	540	2P1507	29/32	385	1/4"PT	3/8"	6-5/8	2-11
		900	2P1107	29/32	265	1/4"PT	3/8"	6-5/8	2-11
		1600	2P1207	29/32	145	1/4"PT	3/8"	6-5/8	2-11
		2600	2P1607	29/32	105	1/4"PT	3/8"	5-3/8	2-4
		3350	2P1307	29/32	95	1/4"PT	3/8"	5-3/8	2-4
		5800	2P1407	29/32	65	1/4"PT	3/8"	5-3/8	2-4

NOTE: Torque can be regulated by adjusting the air pressure. Consistent air pressure will result in consistent torque output.

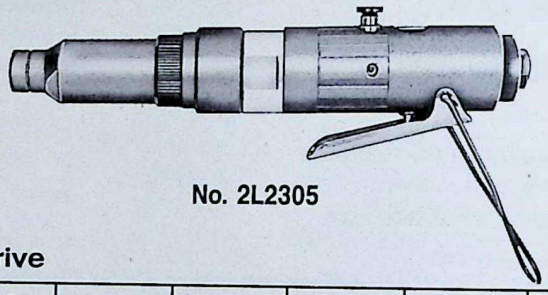
Industrial Air Screwdrivers
No. 2-1/2 Series–Adjustable Clutch
3/4 HP

- Remote exhaust available
- Choice of reversing or non-reversing
- See complete range of tools available on page 30

No. 2P2305

Quick-change available at additional cost. Suffix letter Q.

Magnetic bit assembly available at additional cost. Suffix letter M. Includes No. 2525 Magnetic Bit Holder and No. 2497 Bit Holder Support Bushing.

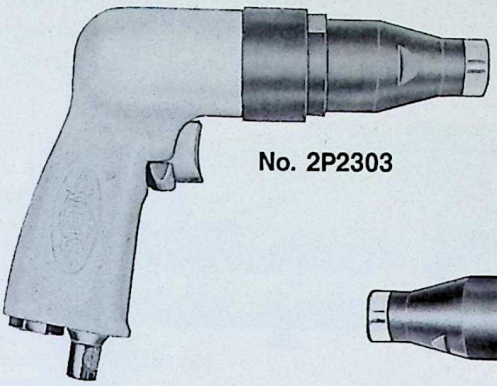


No. 2L2305

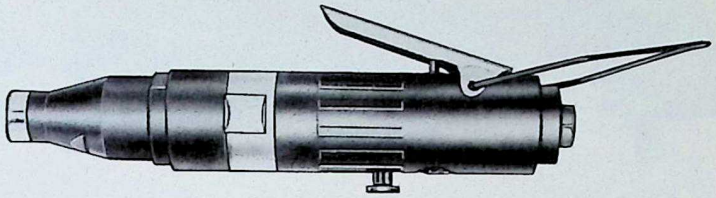
Adjustable Clutch–1/4" Hex Female Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Lever	Reversible	400	2L2505	29/32	120	1/4"PT	3/8"	12-5/8	3-7
		700	2L2105	29/32	120	1/4"PT	3/8"	12-5/8	3-7
		1200	2L2205	29/32	90	1/4"PT	3/8"	12-5/8	3-7
		2000	2L2605	29/32	60	1/4"PT	3/8"	11-7/16	3-0
		2500	2L2305	29/32	45	1/4"PT	3/8"	11-7/16	3-0
	Non-Rev	540	2L1505	29/32	120	1/4"PT	3/8"	11-3/4	3-4
		900	2L1105	29/32	120	1/4"PT	3/8"	11-3/4	3-4
		1600	2L1205	29/32	95	1/4"PT	3/8"	11-3/4	3-4
		2600	2L1605	29/32	75	1/4"PT	3/8"	10-9/16	2-13
		3350	2L1305	29/32	60	1/4"PT	3/8"	10-9/16	2-13
Pistol	Reversible	400	2P2505	29/32	120	1/4"PT	3/8"	9-1/4	3-7
		700	2P2105	29/32	120	1/4"PT	3/8"	9-1/4	3-7
		1200	2P2205	29/32	90	1/4"PT	3/8"	9-1/4	3-7
		2000	2P2605	29/32	60	1/4"PT	3/8"	8-1/16	2-15
		2500	2P2305	29/32	45	1/4"PT	3/8"	8-1/16	2-15
	Non-Rev	540	2P1505	29/32	120	1/4"PT	3/8"	9-1/4	3-7
		900	2P1105	29/32	120	1/4"PT	3/8"	9-1/4	3-7
		1600	2P1205	29/32	95	1/4"PT	3/8"	9-1/4	3-7
		2600	2P1605	29/32	75	1/4"PT	3/8"	8-1/16	2-15
		3350	2P1305	29/32	60	1/4"PT	3/8"	8-1/16	2-15

Industrial Air Screwdrivers
No. 2-1/2 Series—Positive Clutch
3/4 HP



No. 2P2303



No. 2L2303

- Reversible or non-reversing
- Remote exhaust available
- See chart on page 30 for complete range of tools available

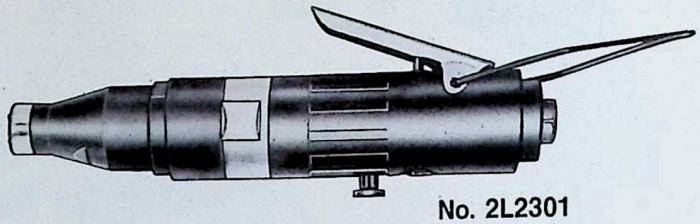
Quick-change available at additional cost. Suffix letter Q.
Magnetic bit assembly available at additional cost. Suffix letter M.
Positive clutch angular jaw available. Suffix letter A.

Positive Clutch—1/4" Hex Female Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Lever	Reversible	400	2L2503	29/32	90-210	1/4"PT	3/8"	11-3/8	3-2
		700	2L2103	29/32	70-170	1/4"PT	3/8"	11-3/8	3-2
		1200	2L2203	29/32	35-80	1/4"PT	3/8"	11-3/8	3-2
		2000	2L2603	29/32	20-50	1/4"PT	3/8"	10-3/16	2-10
		2500	2L2303	29/32	20-45	1/4"PT	3/8"	10-3/16	2-10
	Non-Rev	540	2L1503	29/32	115-270	1/4"PT	3/8"	10-1/2	2-15
		900	2L1103	29/32	80-180	1/4"PT	3/8"	10-1/2	2-15
		1600	2L1203	29/32	40-100	1/4"PT	3/8"	10-1/2	2-15
		2600	2L1603	29/32	30-75	1/4"PT	3/8"	9-5/16	2-7
		3350	2L1303	29/32	25-65	1/4"PT	3/8"	9-5/16	2-7
Pistol	Reversible	400	2P2503	29/32	90-210	1/4"PT	3/8"	8	3-1
		700	2P2103	29/32	70-170	1/4"PT	3/8"	8	3-1
		1200	2P2203	29/32	35-80	1/4"PT	3/8"	8	3-1
		2000	2P2603	29/32	20-50	1/4"PT	3/8"	6-13/16	2-10
		2500	2P2303	29/32	15-45	1/4"PT	3/8"	6-13/16	2-10
	Non-Rev	540	2P1503	29/32	115-270	1/4"PT	3/8"	8	3-1
		900	2P1103	29/32	80-180	1/4"PT	3/8"	8	3-1
		1600	2P1203	29/32	40-100	1/4"PT	3/8"	8	3-1
		2600	2P1603	29/32	30-75	1/4"PT	3/8"	6-3/16	2-10
		3350	2P1303	29/32	25-65	1/4"PT	3/8"	6-3/16	2-10

Industrial Air Screwdrivers
No. 2-1/2 Series–Direct Clutch
3/4 HP

No. 2P2301



No. 2L2301

- Reversible or non-reversing
- Remote exhaust available
- See chart on page 30 for complete range of tools available

Quick-change available at additional cost. Suffix letter Q.
Magnetic bit assembly available at additional cost. Suffix letter M.

Direct Clutch–1/4" Hex Female Drive

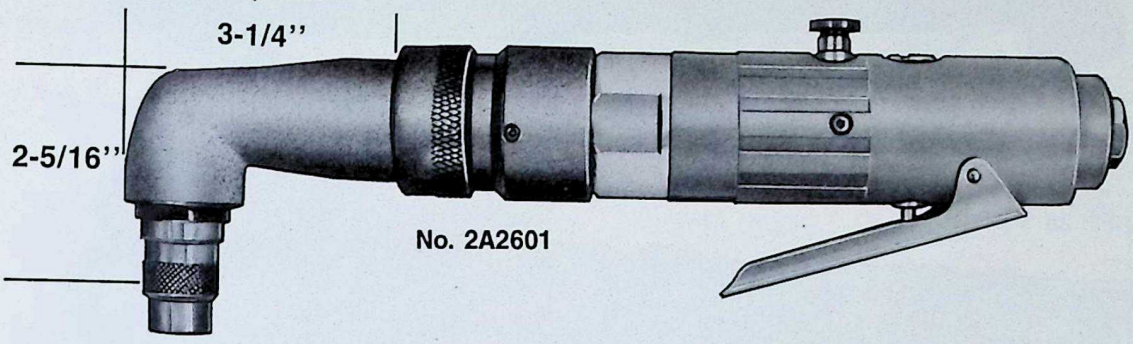
Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Lever	Reversible	400	2L2501	29/32	310	1/4"PT	3/8"	11-3/8	3-2
		700	2L2101	29/32	240	1/4"PT	3/8"	11-3/8	3-2
		1200	2L2201	29/32	115	1/4"PT	3/8"	11-3/8	3-2
		2000	2L2601	29/32	75	1/4"PT	3/8"	10-3/16	2-10
		2500	2L2301	29/32	65	1/4"PT	3/8"	10-3/16	2-10
	Non-Rev	540	2L1501	29/32	385	1/4"PT	3/8"	10-1/2	2-15
		900	2L1101	29/32	265	1/4"PT	3/8"	10-1/2	2-15
		1600	2L1201	29/32	145	1/4"PT	3/8"	10-1/2	2-15
		2600	2L1601	29/32	105	1/4"PT	3/8"	9-5/16	2-7
		3350	2L1301	29/32	95	1/4"PT	3/8"	9-5/16	2-7
Pistol	Reversible	400	2P2501	29/32	310	1/4"PT	3/8"	8	3-1
		700	2P2101	29/32	240	1/4"PT	3/8"	8	3-1
		1200	2P2201	29/32	115	1/4"PT	3/8"	8	3-1
		2000	2P2601	29/32	75	1/4"PT	3/8"	6-13/16	2-10
		2500	2P2301	29/32	65	1/4"PT	3/8"	6-13/16	2-10
	Non-Rev	540	2P1501	29/32	385	1/4"PT	3/8"	8	3-1
		900	2P1101	29/32	265	1/4"PT	3/8"	8	3-1
		1600	2P1201	29/32	145	1/4"PT	3/8"	8	3-1
		2600	2P1601	29/32	105	1/4"PT	3/8"	6-13/16	2-10
		3350	2P1301	29/32	95	1/4"PT	3/8"	6-13/16	2-10

Industrial Angle Air Screwdrivers
No. 2-1/2 Series
3/4 HP

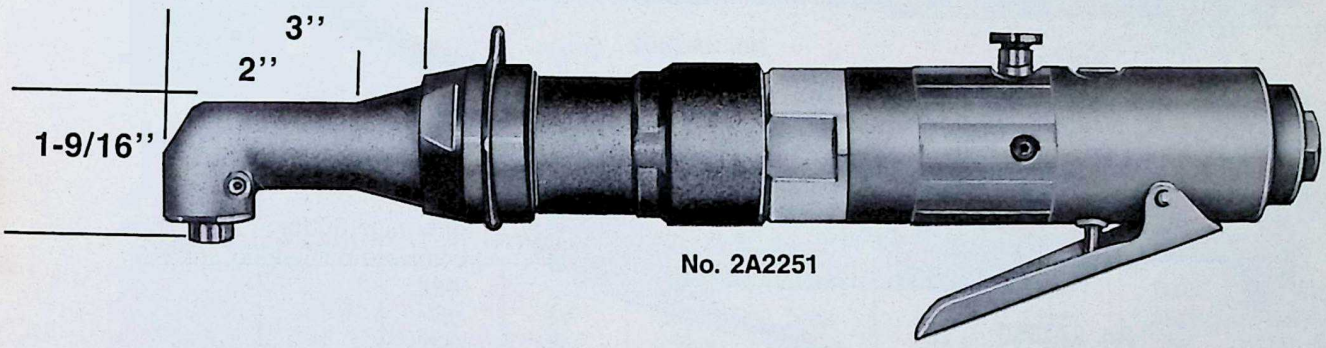
NEW

- Angle drive for hard-to-reach places
- See numbering chart on page 30 for complete line of tools available
- 360° angle head position

Quick Change Chuck available.
Not available on 1-inch diameter angle head.



No. 2A2601



No. 2A2251

No. 2-1/2 Series Direct Clutch–1/4" Hex Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Reversible	400	2A2501	23/32	310	1/4"PT	3/8"	12-7/8	3-14
		700	2A2101	23/32	240	1/4"PT	3/8"	12-7/8	3-14
		1200	2A2201	23/32	115	1/4"PT	3/8"	12-7/8	3-14
		2000	2A2601	23/32	75	1/4"PT	3/8"	11-1/2	3-7
		2500	2A2301	23/32	65	1/4"PT	3/8"	11-1/2	3-7

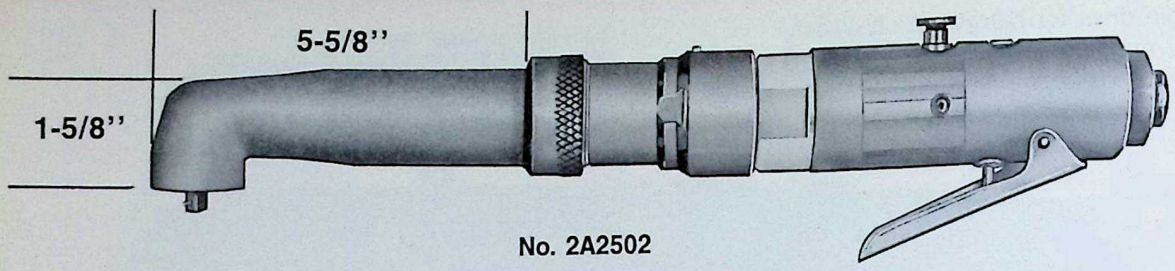
Direct Clutch–1/4" Hex Drive–1" Diameter Angle

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Reversible	700	2A2151	1/2	240	1/4"PT	3/8"	12-7/8	3-10
		1200	2A2251	1/2	115	1/4"PT	3/8"	12-7/8	3-10
		2000	2A2651	1/2	75	1/4"PT	3/8"	11-1/2	3-3
		2500	2A2351	1/2	65	1/4"PT	3/8"	11-1/2	3-3

Adjustable Clutch–1/4" Hex Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Reversible	400	2A2505	23/32	120	1/4"PT	3/8"	15-1/4	4-9
		700	2A2105	23/32	120	1/4"PT	3/8"	15-1/4	4-9
		1200	2A2205	23/32	90	1/4"PT	3/8"	15-1/4	4-9
		2000	2A2605	23/32	60	1/4"PT	3/8"	13-7/8	4-2
		2500	2A2305	23/32	45	1/4"PT	3/8"	13-7/8	4-2

Industrial Angle Air Nut Runners
No. 2-1/2 Series
3/4 HP



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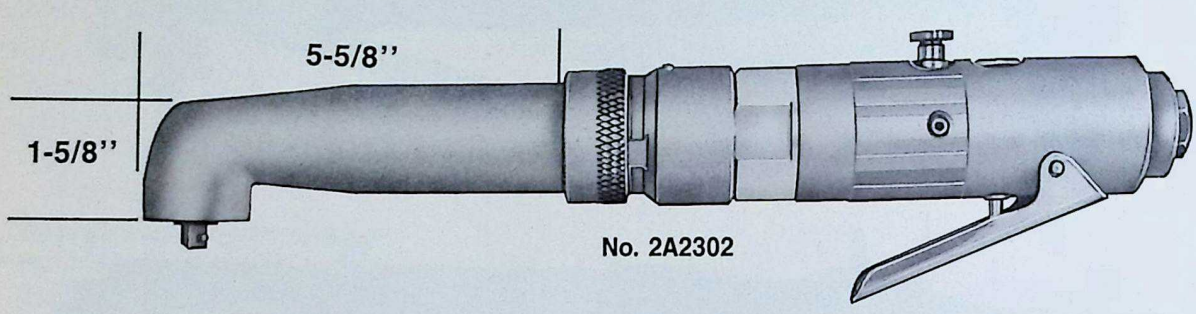

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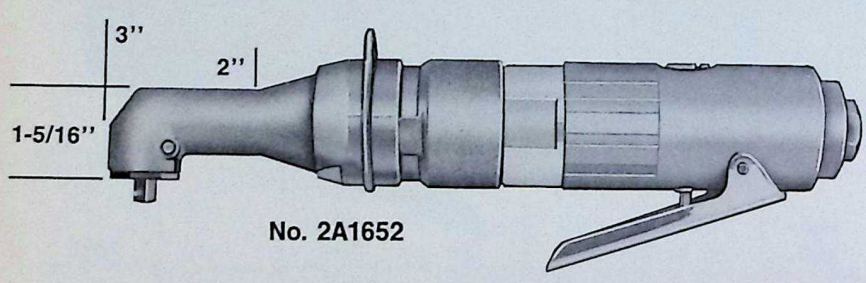


No. 2A1652

• See page 30 for complete numbering chart

Direct Clutch–1/4" Drive Size

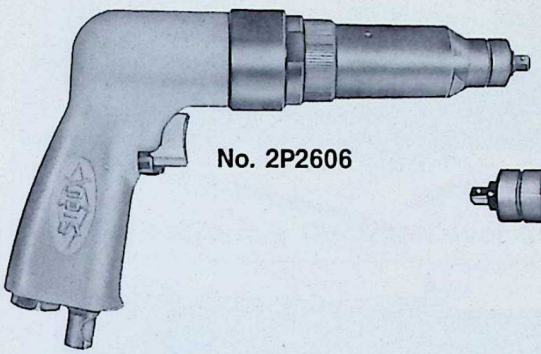
3/8" drive size available. Suffix letter B.

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Reversible	700	2A2152	1/2	240	1/4"PT	3/8"	12-7/8	3-10
		1200	2A2252	1/2	115	1/4"PT	3/8"	12-7/8	3-10
		2000	2A2652	1/2	75	1/4"PT	3/8"	11-1/2	3-3
		2500	2A2352	1/2	65	1/4"PT	3/8"	11-1/2	3-3
		400	2A2502	23/32	310	1/4"PT	3/8"	15-1/4	4-5
		700	2A2102	23/32	240	1/4"PT	3/8"	15-1/4	4-5
		1200	2A2202	23/32	115	1/4"PT	3/8"	15-1/4	4-5
		2000	2A2602	23/32	75	1/4"PT	3/8"	13-7/8	3-14
		2500	2A2302	23/32	65	1/4"PT	3/8"	13-7/8	3-14
	Non-Rev	900	2A1152	1/2	265	1/4"PT	3/8"	12	3-7
		1600	2A1252	1/2	145	1/4"PT	3/8"	12	3-7
		2600	2A1652	1/2	105	1/4"PT	3/8"	10-5/8	3-0
		3350	2A1352	1/2	95	1/4"PT	3/8"	10-5/8	3-0
		540	2A1502	23/32	385	1/4"PT	3/8"	14-3/8	4-2
		900	2A1102	23/32	265	1/4"PT	3/8"	14-3/8	4-2
		1600	2A1202	23/32	145	1/4"PT	3/8"	14-3/8	4-2
		2600	2A1602	23/32	105	1/4"PT	3/8"	13	3-11
		3350	2A1302	23/32	95	1/4"PT	3/8"	13	3-11

Industrial Air Nut Runners
No. 2-1/2 Series
3/4 HP

No. 2A2506

- 3/8" drive size available. Suffix letter B.
- See page 30 for complete numbering chart.



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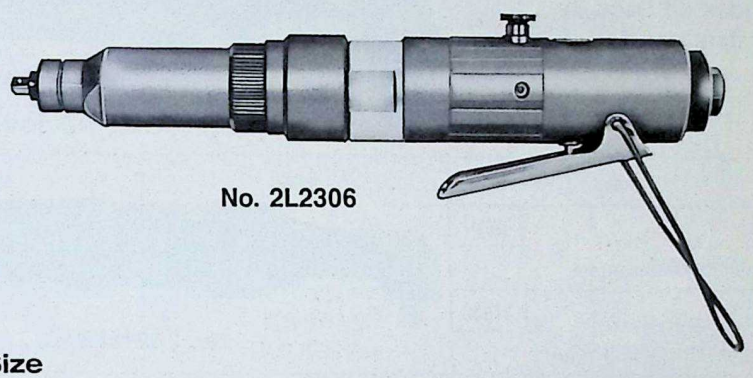


No. 2L2306

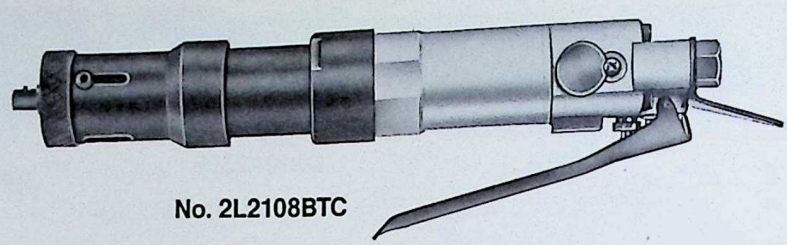
Adjustable Clutch–1/4" Drive Size

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Reversible	400	2A2506	23/32	120	1/4"PT	3/8"	15-1/4	4-9
		700	2A2106	23/32	120	1/4"PT	3/8"	15-1/4	4-9
		1200	2A2206	23/32	90	1/4"PT	3/8"	15-1/4	4-9
		2000	2A2606	23/32	60	1/4"PT	3/8"	13-7/8	4-2
		2500	2A2306	23/32	45	1/4"PT	3/8"	13-7/8	4-2
Lever	Reversible	400	2L2506	29/32	120	1/4"PT	3/8"	12-7/8	3-7
		700	2L2106	29/32	120	1/4"PT	3/8"	12-7/8	3-7
		1200	2L2206	29/32	90	1/4"PT	3/8"	12-7/8	3-7
		2000	2L2606	29/32	60	1/4"PT	3/8"	11-11/16	3-0
		2500	2L2306	29/32	45	1/4"PT	3/8"	11-11/16	3-0
	Non-Rev	540	2L1506	29/32	120	1/4"PT	3/8"	12	3-4
		900	2L1106	29/32	120	1/4"PT	3/8"	12	3-4
		1600	2L1206	29/32	95	1/4"PT	3/8"	12	3-4
		2600	2L1606	29/32	75	1/4"PT	3/8"	10-13/16	2-13
		3350	2L1306	29/32	60	1/4"PT	3/8"	10-13/16	2-13
Pistol	Reversible	400	2P2506	29/32	120	1/4"PT	3/8"	9-1/2	3-7
		700	2P2106	29/32	120	1/4"PT	3/8"	9-1/2	3-7
		1200	2P2206	29/32	90	1/4"PT	3/8"	9-1/2	3-7
		2000	2P2606	29/32	60	1/4"PT	3/8"	8-5/16	2-15
		2500	2P2306	29/32	45	1/4"PT	3/8"	8-5/16	2-15
	Non-Rev	540	2P1506	29/32	120	1/4"PT	3/8"	9-1/2	3-7
		900	2P1106	29/32	120	1/4"PT	3/8"	9-1/2	3-7
		1600	2P1206	29/32	95	1/4"PT	3/8"	9-1/2	3-7
		2600	2P1606	29/32	75	1/4"PT	3/8"	8-5/16	2-15
		3350	2P1306	29/32	60	1/4"PT	3/8"	8-5/16	2-15

NEW

Torque Control Screwdrivers & Nut Runners

- Available in three handle configurations
- Reversible or non-reversible
- Remote exhaust available
- Infinite torque settings within torque range
- Screwdrivers available with quick change feature
- Nut runners available with 3/8 or 1/4-inch drive
- See complete numbering index on Page 39
- Patent pending



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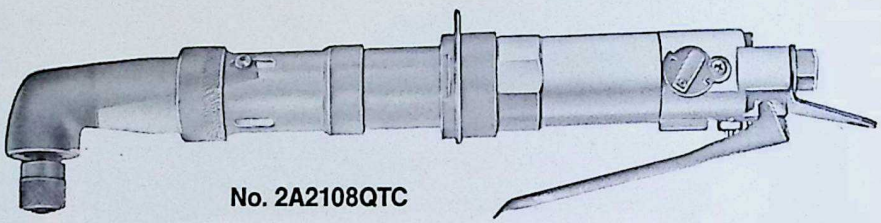

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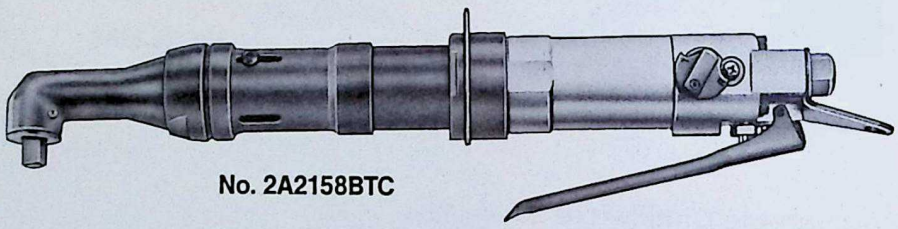


No. 2A2158BTC

Specifications

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs. Min.-Max.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Angle	Non-Rev	350	2A1108TC	61/64"	60-276	1/4"PT	3/8"	15-1/8	4-11
		600	2A1208TC	61/64"	36-180	1/4"PT	3/8"	15-1/8	4-11
		1000	2A1308TC	61/64"	36-120	1/4"PT	3/8"	15-1/8	4-11
	Rev	250	2A2108TC	61/64"	60-240	1/4"PT	3/8"	15-1/8	4-11
		450	2A2208TC	61/64"	36-156	1/4"PT	3/8"	15-1/8	4-11
		750	2A2308TC	61/64"	36-108	1/4"PT	3/8"	15-1/8	4-11

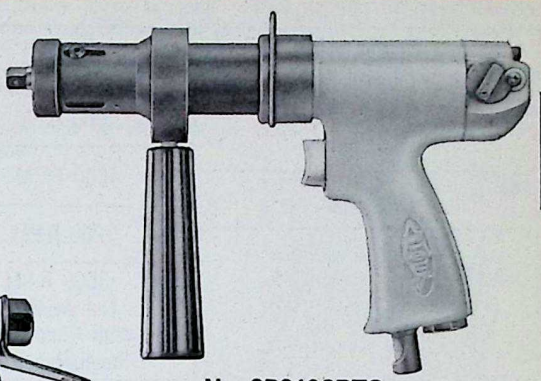
Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs. Min.-Max.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Lever	Non-Rev	400	2L1108TC	61/64"	60-240	1/4"PT	3/8"	12-1/8	3-12
		700	2L1208TC	61/64"	36-168	1/4"PT	3/8"	12-1/8	3-12
		1200	2L1308TC	61/64"	30-96	1/4"PT	3/8"	12-1/8	3-12
	Rev	300	2L2108TC	61/64"	60-200	1/4"PT	3/8"	12-1/8	3-12
		500	2L2208TC	61/64"	36-144	1/4"PT	3/8"	12-1/8	3-12
		900	2L2308TC	61/64"	30-96	1/4"PT	3/8"	12-1/8	3-12
Pistol	Non-Rev	400	2P1108TC	61/64"	60-240	1/4"PT	3/8"	12-1/8	3-12
		700	2P1208TC	61/64"	36-168	1/4"PT	3/8"	10-3/4	4-4
		1200	2P1308TC	61/64"	30-96	1/4"PT	3/8"	10-3/4	4-4
	Rev	300	2P2108TC	61/64"	60-200	1/4"PT	3/8"	10-3/4	4-4
		500	2P2208TC	61/64"	36-144	1/4"PT	3/8"	10-3/4	4-4
		900	2P2308TC	61/64"	30-96	1/4"PT	3/8"	10-3/4	4-4

Torque Control Screwdrivers & Nut Runners

NEW

- Available in three handle configurations
- Reversible or non-reversible
- Remote exhaust available
- Infinite torque settings within torque range
- Screwdrivers available with quick change feature
- Nut runners available with 3/8 or 1/4-inch drive
- See complete numbering index below
- Patent pending

No. 2L2208BTC



No. 2P2108BTC

2-1/2 Series Torque Control–Lever & Pistol Handle

Handle		Motor	Speed	Tool	
2L	Lever Handle	1 Non-Rev.	1 400 RPM NR 300 RPM Rev.	08TC	1/4" Hex Female Screwdriver
2LX	Lever Handle Remote Exhaust	2 Reversing	2 700 RPM NR 500 RPM Rev.	08QTC	1/4" Hex Female Quick Change Screwdriver
2P	Pistol Handle		3 1200 RPM NR 900 RPM Rev.	08ATC	1/4" Square Nut Runner
2PX	Pistol Handle Remote Exhaust			08BTC	3/8" Square Nut Runner

2-1/2 Series Torque Control–Angle Handle

Handle		Motor	Speed	Tool	
2A	Angle	1 Non-Rev.	1 350 RPM NR 250 RPM Rev.	08TC	1/4" Hex Female Screwdriver
2AX	Angle Remote Exhaust	2 Reversing	2 600 RPM NR 450 RPM Rev.	08QTC	1/4" Hex Female Quick Change Screwdriver
			3 1000 RPM NR 750 RPM Rev.	08ATC	1/4" Square Nut Runner
				08BTC	3/8" Square Nut Runner
				58TC	1" Dia. Angle 1/4" Hex Female Screwdriver
				58ATC	1" Dia. Angle 1/4" Square Nut Runner
				58BTC	1" Dia. Angle 3/8" Square Nut Runner

NEW

Catalog Numbering Index
All Angle "2S" Series

Housing and Air Motors	
2S1	Right-Hand Rotation
2S2	Reversible

Speed	
1	1000 R.P.M.
2	1600 R.P.M.
3	2200 R.P.M.
4	3500 R.P.M. Not Available With Clutches or Reversible Tools
5	5000 R.P.M. Not Available With Clutches or Reversible Tools

Chucks	
0	"O" Represents Omission of Chuck When Clutch is Used
1	1/4" Jacobs
2	5/16" Jacobs Available on 1000, 1600 & 2200 R.P.M. Units Only
3	3/8" Jacobs Available on 1000, 1600 & 2200 R.P.M. Units Only
4	1/4" Sioux Collet Not Available on Reversible Tools

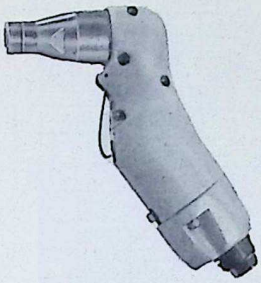
Clutches	
0	"O" Represents Omission of Clutch When Chuck is Used
1	Direct Clutch 1/4" Hex Female Screwdriver
1M	Direct Clutch Magnetic 1/4" Hex Female Screwdriver
2	Direct Clutch 1/4" Square Male Nut Runner
2B	Optional 3/8" Square Male
3	Positive Clutch 1/4" Hex Female Screwdriver
3M	Positive Clutch Magnetic 1/4" Hex Female Screwdriver
3Q	Positive Clutch 1/4" Hex Female Screwdriver Quick-Change Chuck
4	Positive Clutch 1/4" Square Male Nut Runner
4B	Optional 3/8" Square Male
5	Adjustable Clutch 1/4" Hex Female Screwdriver
5M	Adjustable Clutch Magnetic 1/4" Hex Female Screwdriver
5Q	Adjustable Clutch 1/4" Hex Female Screwdriver Quick-Change Chuck
6	Adjustable Clutch 1/4" Square Male Nut Runner
6B	Optional 3/8" Square Male
7	Stall Drive 1/4" Hex Quick-Change Chuck Screwdriver
9	Depth Locator Available in "S" Series Positive Clutch Only

AVAILABLE WITH REMOTE EXHAUST
Suffix "X" to housing number. **Example: 2SX1310**

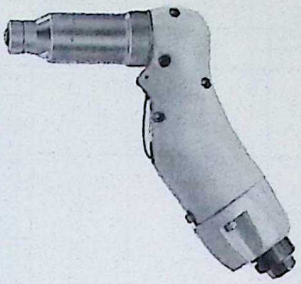
EXAMPLE:
2S-1—Right Hand Rotation
3—2200 R.P.M.
0—Represents Omission of Chuck When Clutch is Used
3—Positive Clutch 1/4" Hex Female Screwdriver

Industrial Air Screwdrivers
All Angle "2S" Series

NEW



No. 2S2303



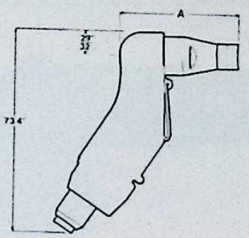
No. 2S2105

- New ergonomically designed housing
- Low sound level (75 dBA)
- Available with remote exhaust
- 125° angle for "close quarters" applications
- Adjustable rear exhaust standard
- Remote exhaust available
- 50% increase in power vs. "S" series

Direct clutch tools available with magnetic bit assembly at additional cost. Suffix letter M.

Positive and adjustable clutch tools available with magnetic bit assembly or quick change chuck. Suffix letter M or Q.

Available with remote exhaust. Suffix "X" to housing letter: 2SX-2303.



Tool	A	Weight
	Inches	Lbs.
1/4" Stall Drive	2-7/8"	2.3125
Positive & Direct Screwdriver	4-5/16"	2.625
Adjustable Screwdriver	5-7/8"	2.9375

Stall Drive–1/4" Hex Female Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
All Angle	Rev	1000	2S2107	29/32	108	1/4"PT	1/4"	2-7/8	2-5	.33
		1600	2S2207	29/32	72	1/4"PT	1/4"	2-7/8	2-5	.33
		2200	2S2307	29/32	36	1/4"PT	1/4"	2-7/8	2-5	.33
	Non-Rev	1000	2S1107	29/32	108	1/4"PT	1/4"	2-7/8	2-5	.50
		1600	2S1207	29/32	120	1/4"PT	1/4"	2-7/8	2-5	.50
		2200	2S1307	29/32	84	1/4"PT	1/4"	2-7/8	2-5	.50

Direct Clutch–1/4" Hex Female Drive

All Angle	Rev	1000	2S2101	29/32	108	1/4"PT	1/4"	4-5/16	2-10	.33
		1600	2S2201	29/32	72	1/4"PT	1/4"	4-5/16	2-10	.33
		2200	2S2301	29/32	36	1/4"PT	1/4"	4-5/16	2-10	.33
	Non-Rev	1000	2S1101	29/32	108	1/4"PT	1/4"	4-5/16	2-10	.50
		1600	2S1201	29/32	120	1/4"PT	1/4"	4-5/16	2-10	.50
		2200	2S1301	29/32	84	1/4"PT	1/4"	4-5/16	2-10	.50

Positive Clutch–1/4" Hex Female Drive

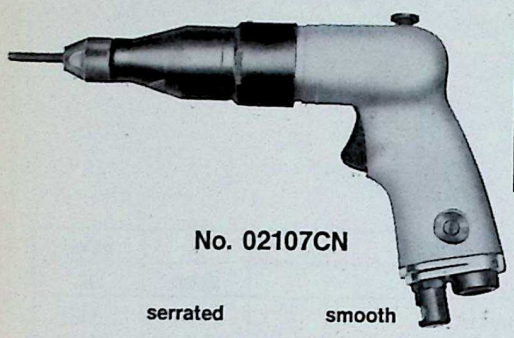
All Angle	Rev	1000	2S2103	29/32	108	1/4"PT	1/4"	4-5/16	2-10	.33
		1600	2S2203	29/32	72	1/4"PT	1/4"	4-5/16	2-10	.33
		2200	2S2303	29/32	36	1/4"PT	1/4"	4-5/16	2-10	.33
	Non-Rev	1000	2S1103	29/32	108	1/4"PT	1/4"	4-5/16	2-10	.50
		1600	2S1203	29/32	120	1/4"PT	1/4"	4-5/16	2-10	.50
		2200	2S1303	29/32	84	1/4"PT	1/4"	4-5/16	2-10	.50

Adjustable Clutch–1/4" Hex Female Drive

All Angle	Rev	1000	2S2105	29/32	84	1/4"PT	1/4"	5-7/8	2-15	.33
		1600	2S2205	29/32	60	1/4"PT	1/4"	5-7/8	2-15	.33
		2200	2S2305	29/32	36	1/4"PT	1/4"	5-7/8	2-15	.33
	Non-Rev	1000	2S1105	29/32	84	1/4"PT	1/4"	5-7/8	2-15	.50
		1600	2S1205	29/32	96	1/4"PT	1/4"	5-7/8	2-15	.50
		2200	2S1305	29/32	60	1/4"PT	1/4"	5-7/8	2-15	.50

No. 2 Series Clinch Nut Chart

Handles	Air Motors	RPM	Chucks	Clinch Nut Drive
Offset	2 Reversible	1 650 RPM	0 Represents Omission of Chuck	7CNA #4-40 PN63287
				7CNB M3x0.5 PN63286
				7CND #6-32 PN63288
		2 1300 RPM		7CNE #8-32 PN63137
				7CNF M4x0.7 PN63289
		3 1900 RPM		7CNH #10-32 PN63188
				7CNJ M5x0.8 PN63290
		350 RPM		7CNL 1/4"-20 PN63139
				7CNM M6x1.0 PN63291
		1600 RPM		7CNO 5/16"-18 PN63140
				7CNP M8x1.25 PN63292
				7CNR 3/8"-16 PN63293
			Smooth Nose Pieces	7TH #10-32 PN63594
				7TL 1/4"-20 PN63586
				7TO 5/16"-18 PN63587
				7TR 3/8"-16 PN63588



No. 02107CN

serrated smooth

- To order tool with smooth nose piece, use Clinch Nut drive numbers with suffix "T". Example: 02107TL. For serrated nose piece use numbers with "C". Example: 02107CNL. To order nose piece only, use 5-digit part number. Example: ¼"-20 smooth: 63586.

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Offset	Reversible	350	02507CN	13/16	156	1/4"PT	3/8"	10-5/8	2-13
		650	02107CN	13/16	110	1/4"PT	3/8"	10-5/8	2-13
		1300	02207CN	13/16	50	1/4"PT	3/8"	10-5/8	2-13
		1600	02607CN	13/16	45	1/4"PT	3/8"	9-1/2	2-6
		1900	02307CN	13/16	40	1/4"PT	3/8"	9-1/2	2-6

02550

- Rapid reverse
- Capacity of 1/4" in steel; 5/16" in aluminum
- Chuck capacity No. 10-5/16" thread size

2P2550 No. 2-1/2 Series 3/4 HP

- Tapper has capacity of 3/8" in steel; chuck capacity from No. 10-5/16" thread size
- 2P2550B–1/4" - 1/2" tap capacity

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Pistol	Rev	400	2P2550	29/32	310	1/4"PT	3/8"	8-1/4	2-15
		350	02550	13/16	110	1/4"PT	3/8"	8-1/2	3

Metric Conversion Comparison Table

INCH	DECIMAL	MILLIMETER
1/64	.0156	0.397
1/32	.0312	0.794
	.0394	1.000
3/64	.0469	1.191
1/16	.0625	1.587
5/64	.0781	1.984
	.0787	2.000
3/32	.0937	2.381
7/64	.1094	2.778
	.1181	3.000
1/8	.1250	3.175
9/64	.1406	3.572
5/32	.1562	3.969
	.1575	4.000
11/64	.1719	4.366
3/16	.1875	4.762
	.1968	5.000
13/64	.2031	5.159
7/32	.2187	5.556
15/64	.2344	5.953
	.2362	6.000
1/4	.2500	6.350
17/64	.2656	6.747
	.2756	7.000
9/32	.2812	7.144
19/64	.2969	7.541
5/16	.3125	7.937
	.3150	8.000
21/64	.3281	8.334
11/32	.3437	8.731
	.3543	9.000
23/64	.3594	9.128
3/8	.3750	9.525
25/64	.3906	9.922
	.3937	10.000
13/32	.4062	10.319
27/64	.4219	10.716
	.4331	11.000
7/16	.4375	11.112
29/64	.4531	11.509
15/32	.4687	11.906
	.4724	12.000
31/64	.4844	12.303
1/2	.5000	12.700
	.5118	13.000
33/64	.5156	13.097
17/32	.5312	13.494
35/64	.5469	13.891
	.5512	14.000
9/16	.5625	14.287
37/64	.5781	14.684
	.5906	15.000
19/32	.5937	15.081
39/64	.6094	15.478
5/8	.6250	15.875
	.6299	16.000
41/64	.6406	16.272
21/32	.6562	16.669
	.6693	17.000
43/64	.6719	17.066
11/16	.6875	17.462
45/64	.7031	17.859
	.7087	18.000
23/32	.7187	18.256
47/64	.7344	18.653
	.7480	19.000
3/4	.7500	19.050
49/64	.7656	19.447
25/32	.7812	19.844
	.7874	20.000
51/64	.7969	20.241
13/16	.8125	20.637
	.8268	21.000
53/64	.8281	21.034
27/32	.8437	21.431
55/64	.8594	21.828
	.8661	22.000
7/8	.8750	22.225
57/64	.8906	22.622
	.9055	23.000
29/32	.9062	23.019
59/64	.9219	23.416
15/16	.9375	23.812
	.9449	24.000
61/64	.9531	24.209
31/32	.9687	24.606
	.9843	25.000
63/64	.9844	25.003
	1.0000	25.400

MILLIMETERS	INCHES
26	1.0236
27	1.0630
28	1.1024
29	1.1417
30	1.1811
31	1.2205
32	1.2598
33	1.2992
34	1.3386
35	1.3780
36	1.4173
37	1.4567
38	1.4961
39	1.5354
40	1.5748
41	1.6142
42	1.6535
43	1.6929
44	1.7323
45	1.7717
46	1.8110
47	1.8504
48	1.8898
49	1.9291
50	1.9685
51	2.0079
52	2.0472
53	2.0866
54	2.1260
55	2.1654
56	2.2047
57	2.2441
58	2.2835
59	2.3228
60	2.3622
61	2.4016
62	2.4409
63	2.4803
64	2.5197
65	2.5591
66	2.5984
67	2.6378
68	2.6772
69	2.7165
70	2.7559
71	2.7953
72	2.8346
73	2.8740
74	2.9134
75	2.9528
76	2.9921
77	3.0315
78	3.0709
79	3.1102
80	3.1496
81	3.1890
82	3.2283
83	3.2677
84	3.3071
85	3.3465
86	3.3858
87	3.4252
88	3.4646
89	3.5039
90	3.5433
91	3.5827
92	3.6220
93	3.6614
94	3.7008
95	3.7402
96	3.7795
97	3.8189
98	3.8583
99	3.8976
100	3.9370
110	4.3307
120	4.7244
130	5.1181
140	5.5118
150	5.9055
160	6.2992
200	7.8740
300	11.8110
400	15.7480
500	19.6850
600	23.6220
700	27.5591
800	31.4961
900	35.4331
1000	39.3701

INCH POUNDS	NEWTON METERS
5	0.565
10	1.13
15	1.70
20	2.26
25	2.83
30	3.39
35	3.96
40	4.52
45	5.09
50	5.65
60	6.78
70	7.91
80	9.04
90	10.17
100	11.3
110	12.4
120	13.6
130	14.7
140	15.8
150	17.0
160	18.1
170	19.2
180	20.3
190	21.5
200	22.6

FOOT POUNDS	NEWTON METERS
1	1.356
2	2.7
3	4.0
4	5.4
5	6.8
6	8.1
7	9.5
8	10.8
9	12.2
10	13.5
11	14.9
12	16.3
13	17.6
14	18.9
15	20.3
16	21.7
17	23.0
18	24.4
19	25.8
20	27.1
21	28.4
22	29.8
23	31.2
24	32.5
25	33.9
26	35.3
27	36.6
28	38.0

FOOT POUNDS	NEWTON METERS
29	39.3
30	40.7
31	42.0
32	43.4
33	44.7
34	46.1
35	47.5
36	48.8
37	50.2
38	51.5
39	52.9
40	54.2
41	55.6
42	56.9
43	58.3
44	59.7
45	61.0
46	62.4
47	63.7
48	65.0
49	66.4
50	67.8
51	69.1
52	70.5
53	71.9
54	73.2
55	74.6
56	75.9
57	77.3
58	78.6
59	80.0
60	81.3
61	82.7
62	84.0
63	85.4
64	86.8
65	88.1
66	89.5
67	90.8
68	92.2
69	93.5
70	94.9
71	96.3
72	97.6
73	99.0
74	100.3
75	101.7
76	103.0
77	104.4
78	105.8
79	107.1
80	108.5
81	109.8
82	111.2
83	112.5
84	113.9

FOOT POUNDS	NEWTON METERS
85	115.2
86	116.6
87	117.9
88	119.3
89	120.7
90	122.0
91	123.4
92	124.7
93	126.0
94	127.4
95	128.8
96	130.2
97	131.5
98	132.9
99	134.2
100	135.6
110	149.0
115	156.0
120	163.0
125	170.0
130	176.0
135	183.0
140	190.0
145	197.0
150	203.0
155	210.0
160	217.0
165	224.0
170	231.0
175	237.0
180	244.0
185	251.0
190	258.0
195	264.0
200	271.0
225	305.0
250	339.0
275	373.0
300	407.0
350	474.0
400	542.0

HEX SOCKET CONVERSIONS
10 mm = 0.394"
11 mm = 0.433"
12 mm = 0.472"
13 mm = 0.512"
14 mm = 0.551"
15 mm = 0.591"
16 mm = 0.630"
17 mm = 0.669"
18 mm = 0.704"
19 mm = 0.748"
20 mm = 0.787"
21 mm = 0.827"

Inch Lbs. x 0.113 = Nm; Nm x 8.849 = Inch Lbs.; Ft. Lbs. x 1.356 = Nm; Nm x 0.737 = Ft. Lbs.

Catalog Numbering Index
No. 3 Series

Housing	Motor	R.P.M.	Chucks	Clutches
3A Angle	1 Non-Reversing 2 Reversing	1 Non-Reversing—360 R.P.M. Reversing—300 R.P.M. 2 Non-Reversing—600 R.P.M. Reversing—480 R.P.M. 3 Non-Reversing—850 R.P.M. Reversing—700 R.P.M. 4 Non-Reversing—1200 R.P.M. Reversing—1000 R.P.M. 5 Non-Reversing—1800 R.P.M. Reversing—1400 R.P.M. Torque Control not Available 6 Non-Reversing—2250 R.P.M. Reversing—1875 R.P.M. Torque Control Not Available	0 No Chuck 3 3/8" Chuck Short Angle 4 1/2" Chuck Short Angle	0 No Clutch 1 Stall Drive Long Angle Low Torque 3/8" Sq. Male 2 Stall Drive Long Angle High Torque 1/2" Sq. Male 3 Stall Drive Short Angle Low Torque 3/8" Sq. Male 4 Stall Drive Short Angle High Torque 1/2" Sq. Male 5 Stall Drive Short Angle Low Torque Quick Change 1/4" Hex Screwdriver 6 Stall Drive Short Angle High Torque Quick Change 7/16" Hex Screwdriver 8 Torque Control 1/2" Square Male 8Q Torque Control 7/16" Quick Change

LEVER HANDLE

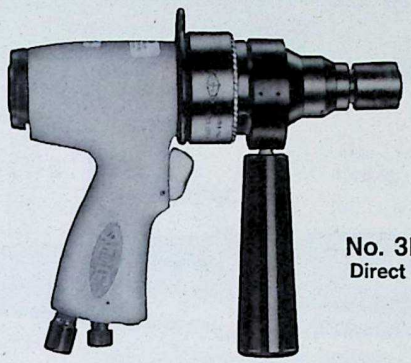
Housing	Motor	R.P.M.	Chucks	Clutches
3L Lever	1 Non-Reversing 2 Reversing	1 Non-Reversing—360 R.P.M. Reversing—300 R.P.M. 2 Non-Reversing—600 R.P.M. Reversing—480 R.P.M. 3 Non-Reversing—850 R.P.M. Reversing—700 R.P.M. 4 Non-Reversing—1200 R.P.M. Reversing—1000 R.P.M. 5 Non-Reversing—1800 R.P.M. Reversing—1400 R.P.M. 6 Non-Reversing—2250 R.P.M. Reversing—1875 R.P.M.	0 No Chuck 3 3/8" Capacity 4 1/2" Capacity	0 No Clutch 1 Direct Clutch 7/16" Hex Quick Change 3 Positive Clutch 7/16" Hex Quick Change

PISTOL HANDLE

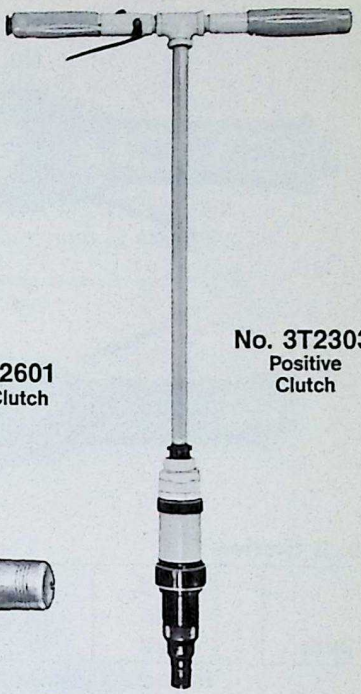
Housing	Motor	R.P.M.	Chucks	Clutches
3P Pistol 3T "T" Handle	1 Non-Reversing 2 Reversing	1 Non-Reversing—360 R.P.M. Reversing—300 R.P.M. 2 Non-Reversing—650 R.P.M. Reversing—550 R.P.M. 3 Non-Reversing—1000 R.P.M. Reversing—850 R.P.M. 4 Non-Reversing—1400 R.P.M. Reversing—1200 R.P.M. 5 Non-Reversing—2150 R.P.M. Reversing—1800 R.P.M. 6 Non-Reversing—2650 R.P.M. Reversing—2250 R.P.M.	0 No Chuck 3 3/8" Capacity 4 1/2" Capacity 7 Stall Bar Non-Reversing Only	0 No Clutch 1 Stall Drive 7/16" Hex Quick Change 3 Positive Clutch 7/16" Hex Quick Change 7 Stall Bar Non-Reversing Only

Industrial Air Screwdrivers
No. 3 Series

No. 3P2503
Positive Clutch



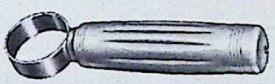
No. 3P2601
Direct Clutch



No. 3T2303
Positive Clutch

- Speed Control
- Adjustable exhaust deflector
- Oil reserve
- Adjustable auxiliary handle
- See numbering chart on page 44

No. 2355
This handle is included with each pistol tool on this page.



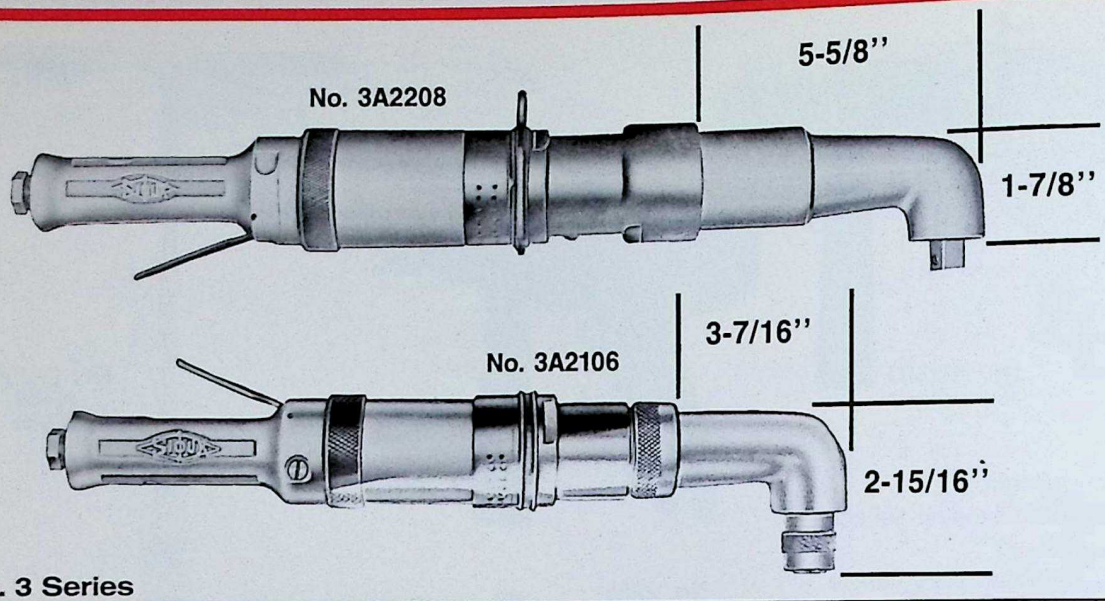
Direct Clutch–Stall Drive–7/16" Hex

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
Pistol	Reversible	300	3P2101	1-1/32	600	1/4"PT	3/8"	10	5-3	.8
		550	3P2201	1-1/32	324	1/4"PT	3/8"	10	5-3	.8
		850	3P2301	1-1/32	216	1/4"PT	3/8"	10	5-3	.8
		1200	3P2401	1-1/32	144	1/4"PT	3/8"	10	5-3	.8
		1800	3P2501	1-1/32	120	1/4"PT	3/8"	8-11/16	4-6	.8
		2250	3P2601	1-1/32	84	1/4"PT	3/8"	8-11/16	4-6	.8
	Non-Reversible	360	3P1101	1-1/32	720	1/4"PT	3/8"	9-3/16	4-10	1
		650	3P1201	1-1/32	380	1/4"PT	3/8"	9-3/16	4-10	1
		1000	3P1301	1-1/32	250	1/4"PT	3/8"	9-3/16	4-10	1
		1400	3P1401	1-1/32	180	1/4"PT	3/8"	9-3/16	4-10	1
		2150	3P1501	1-1/32	144	1/4"PT	3/8"	7-7/8	3-13	1
		2650	3P1601	1-1/32	96	1/4"PT	3/8"	7-7/8	3-13	1

Positive Clutch–7/16" Hex

Pistol	Reversible	300	3P2103	1-1/32	600	1/4"PT	3/8"	10	5-3	.8
		550	3P2203	1-1/32	324	1/4"PT	3/8"	10	5-3	.8
		850	3P2303	1-1/32	216	1/4"PT	3/8"	10	5-3	.8
		1200	3P2403	1-1/32	144	1/4"PT	3/8"	10	5-3	.8
		1800	3P2503	1-1/32	120	1/4"PT	3/8"	8-11/16	4-6	.8
		2250	3P2603	1-1/32	84	1/4"PT	3/8"	8-11/16	4-6	.8
	Non-Reversible	360	3P1103	1-1/32	720	1/4"PT	3/8"	9-3/16	4-10	1
		650	3P1203	1-1/32	380	1/4"PT	3/8"	9-3/16	4-10	1
		1000	3P1303	1-1/32	250	1/4"PT	3/8"	9-3/16	4-10	1
		1400	3P1403	1-1/32	180	1/4"PT	3/8"	9-3/16	4-10	1
		2150	3P1503	1-1/32	144	1/4"PT	3/8"	7-7/8	3-13	1
		2650	3P1603	1-1/32	96	1/4"PT	3/8"	7-7/8	3-13	1
Extension	Rev	850	3T2303	1-1/32	216	1/4"PT	3/8"	33	6-12	1

Industrial Angle Air Screwdrivers and Nut Runners No. 3 Series



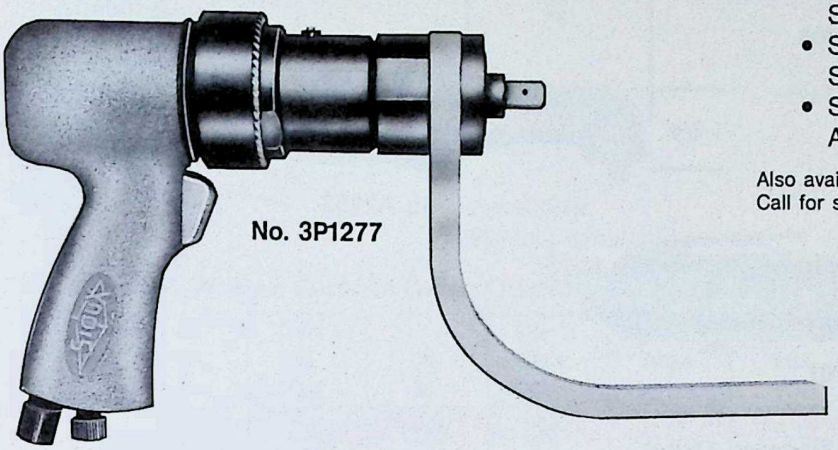
No. 3 Series

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.	H.P.
Torque Control–1/2" Square Drive										
	Reversible	300	3A2108	3/4	600	1/4"PT	3/8"	18-1/8	7-6	.8
		480	3A2208	3/4	294	1/4"PT	3/8"	18-1/8	7-6	.8
		700	3A2308	3/4	216	1/4"PT	3/8"	18-1/8	7-6	.8
		1000	3A2408	3/4	144	1/4"PT	3/8"	18-1/8	7-6	.8
Stall Drive **Long Angle–High Torque–1/2" Square Drive**										
Angle		300	3A2102	3/4	600	1/4"PT	3/8"	17-7/8	5-15	.8
		480	3A2202	3/4	294	1/4"PT	3/8"	17-7/8	5-15	.8
		700	3A2302	3/4	216	1/4"PT	3/8"	17-7/8	5-15	.8
Short Angle–High Torque–1/2" Square Drive										
	Reversible	300	3A2104	3/4	600	1/4"PT	3/8"	15-1/2	5-8	.8
		480	3A2204	3/4	294	1/4"PT	3/8"	15-1/2	5-8	.8
		700	3A2304	3/4	216	1/4"PT	3/8"	15-1/2	5-8	.8
Long Angle–Low Torque–3/8" Square Drive										
		1000	3A2401	11/16	144	1/4"PT	3/8"	17-7/8	5-15	.8
		1400	3A2501	11/16	120	1/4"PT	3/8"	16-11/16	5-3	.8
Short Angle–Low Torque–3/8" Square Drive										
		1000	3A2403	11/16	144	1/4"PT	3/8"	15-3/8	5-4	.8
		1400	3A2503	11/16	120	1/4"PT	3/8"	14-1/16	4-9	.8
No. 3 Series Stall Drive Clutch–7/16" Hex Quick Change										
Angle	Reversible	300	3A2106	3/4	600*	1/4"PT	3/8"	15-1/2	5-10	.8
		480	3A2206	3/4	294*	1/4"PT	3/8"	15-1/2	5-10	.8
		700	3A2306	3/4	216*	1/4"PT	3/8"	15-1/2	5-10	.8
		1000	3A2405	11/16	144**	1/4"PT	3/8"	15-1/2	5-10	.8
		1400	3A2505	11/16	120**	1/4"PT	3/8"	14-1/16	5-6	.8

*Short Angle—High Torque
**Short Angle—Low Torque

Stall Bar Tools
No. 2-1/2 and No. 3 Series

Aluminum bar is standard.
Steel bar on request.

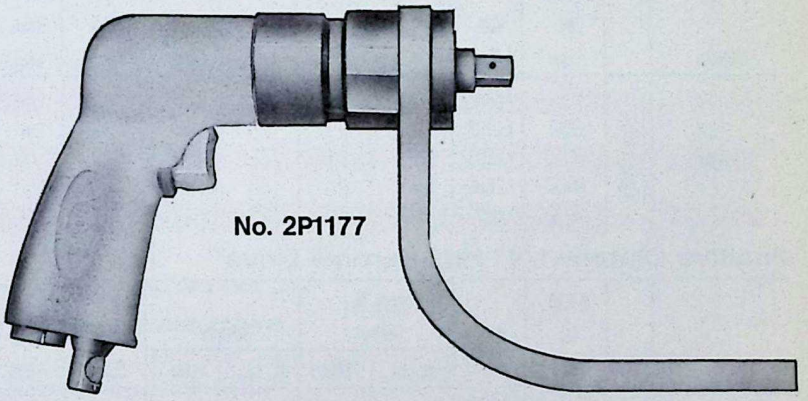


No. 3P1277

- Suffix B for 3/8" Square Drive
- Suffix D for 1/2" Square Drive
- Suffix S for steel bar. Aluminum is standard.

Also available in lever handle tools. Call for specs.

Stall Bars are available in either aluminum or steel.
No. 2361S–Steel Stall Bar
No. 2361A–Aluminum Stall Bar



No. 2P1177

- Reversible Models also available

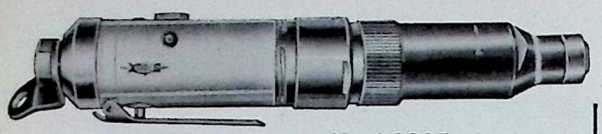
No. 2-1/2 Series Stall Bar Tools

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.
Pistol	Non-Rev	540	2P1577	29/32	385	1/4"PT	3/8"	9-1/8	2-9
		900	2P1177	29/32	265	1/4"PT	3/8"	9-1/8	2-9
		1600	2P1277	29/32	145	1/4"PT	3/8"	9-1/8	2-9
		2600	2P1677	29/32	105	1/4"PT	3/8"	7-7/8	2-1

No. 3 Series Stall Bar Tools

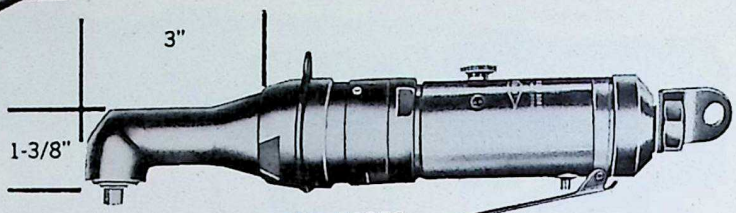
Pistol	Non-Rev	360	3P1177	1-1/32	720	1/4"PT	3/8"	9-3/16	4-10
		650	3P1277	1-1/32	380	1/4"PT	3/8"	9-3/16	4-10
		1000	3P1377	1-1/32	250	1/4"PT	3/8"	9-3/16	4-10
		1400	3P1477	1-1/32	180	1/4"PT	3/8"	9-3/16	4-10
		2150	3P1577	1-1/32	144	1/4"PT	3/8"	7-7/8	3-13
		2650	3P1677	1-1/32	96	1/4"PT	3/8"	7-7/8	3-13

Industrial Air Screwdrivers and Nut Runners No. 2 Series

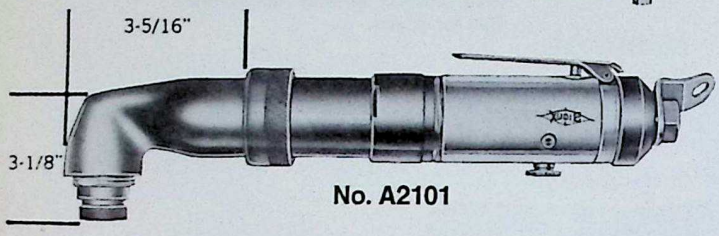


No. L2305

Reversible



No. A2352



No. A2101

Adjustable Clutch–1/4" Hex Female Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center		Torque		Hose Conn.	Min. Hose Size	Overall Length		Net Weight Tool Only		H.P.	Screw Size
				Inches	MM	In. Lbs.	Nm			Ins.	MM	Lbs. Oz.	Kg.		
Lever	Reversible	350	L2505	13/16	21	110	12.4	1/4"PT	1/4"	10-1/8	257	2-11	1.22	.25	#6-1/4"
		650	L2105	13/16	21	75	8.5	1/4"PT	1/4"	10-1/8	257	2-11	1.22	.25	#6-1/4"
		1300	L2205	13/16	21	35	4	1/4"PT	1/4"	10-1/8	257	2-11	1.22	.25	#6-1/4"
		1600	L2605	13/16	21	30	3.4	1/4"PT	1/4"	8-15/16	227	2-5	1.05	.25	#6-1/4"
		1900	L2305	13/16	21	25	2.8	1/4"PT	1/4"	8-15/16	227	2-5	1.05	.25	#6-1/4"

Positive Clutch–1/4" Hex Female Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center		Torque		Hose Conn.	Min. Hose Size	Overall Length		Net Weight Tool Only		H.P.	Screw Size
				Inches	MM	In. Lbs.	Nm			Ins.	MM	Lbs. Oz.	Kg.		
Lever	Rev	1900	L2303	13/16	21	40	4.5	1/4"PT	1/4"	9-3/4	248	2-0	.91	.25	#6-1/4"

No. 2 Series Direct Clutch–1/4" Hex Female Drive

Handle		R.P.M. No Load	Cat. No.	Side To Center		Torque		Hose Conn.	Min. Hose Size	Overall Length		Net Weight Tool Only		H.P.	Screw Size
				Inches	MM	In. Lbs.	Nm			Ins.	MM	Lbs. Oz.	Kg.		
Angle	Reversible	650	A2101	23/32	18	75	8.5	1/4"PT	1/4"	10-1/16	256	3-6	1.5	.25	#6-1/4"
		1300	A2201	23/32	18	35	4	1/4"PT	1/4"	10-1/16	256	3-6	1.5	.25	#6-1/4"
		1900	A2301	23/32	18	25	2.8	1/4"PT	1/4"	8-15/16	227	3	1.4	.25	#6-1/4"

No. 2 Series Direct Clutch–1/4" Drive Size

Handle		R.P.M. No Load	Cat. No.	Side To Center		Torque		Hose Conn.	Min. Hose Size	Overall Length		Net Weight Tool Only		H.P.	Screw Size
				Inches	MM	In. Lbs.	Nm			Ins.	MM	Lbs. Oz.	Kg.		
Angle	Reversible	650	A2152	1/2	13	110	12.4	1/4"PT	1/4"	11-1/4	286	3-4	1.5	.25	1/4"
		1300	A2252	1/2	13	50	5.6	1/4"PT	1/4"	11-1/4	286	3-4	1.5	.25	1/4"
		1600	A2652	1/2	13	45	5.1	1/4"PT	1/4"	10-1/8	257	2-14	1.3	.25	1/4"
		1900	A2352	1/2	13	40	4.5	1/4"PT	1/4"	10-1/8	257	2-14	1.3	.25	1/4"

Rapid Reverse Industrial Air Screwdrivers

No. 02307
Stall Drive, Reversible

No. 02303
Positive Clutch, Reversible

- Reversible
- Remote exhaust available

Stall Drive—1/4" Hex Female Drive Quick Change Chuck

Handle		R.P.M. No. Load	Cat. No.	Side To Center Ins.	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.
Pistol	Rev	650	02107	13/16	110	1/4"PT	1/4"	7-5/8	2-5
		1300	02207	13/16	50	1/4"PT	1/4"	7-5/8	2-5
		1600	02607	13/16	45	1/4"PT	1/4"	6-1/2	1-15
		1900	02307	13/16	40	1/4"PT	1/4"	6-1/2	1-15

Positive Clutch—1/4" Hex Female Drive

Rev	1600	02603	13/16	45	1/4"PT	1/4"	8	2-5
	1600	02603A	13/16	45	1/4"PT	1/4"	8	2-5
	1600	02603Q	13/16	45	1/4"PT	1/4"	8	2-5
	1900	02303	13/16	40	1/4"PT	1/4"	8	2-5
	1900	02303A	13/16	40	1/4"PT	1/4"	8	2-5
	1900	02303Q	13/16	40	1/4"PT	1/4"	8	2-5

No. 02303 available with Type A Clutch and Quick Change Chuck. Suffix A or Q.

Adjustable Clutch—1/4" Hex Female Drive

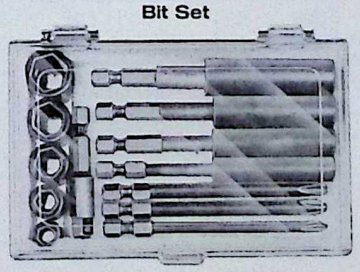
Rev	1900	02305	13/16	25	1/4"PT	1/4"	8	2-5

Slotted Head Bits With Finders

1/4" Hex Drive				
No.	Bit Only	Finder Only	Length	Screw Size
2725	2733	2729	3-3/4"	4, 5, 6
2726	2735	2729	6-3/4"	4, 5, 6
2727	2737	2744	3-3/4"	7, 8
2728	2739	2744	6-3/4"	7, 8
2499	2740	2745	3-3/4"	9, 10
2730	2741	2746	3-3/4"	12
2731	2743	2747	3-7/8"	12, 14

7/16" Hex Drive			
No.	Bit Only	Length	Screw Size
2506	2507	3-7/8"	10, 12
2508	2509	3-7/8"	12, 14
2510	2511	4-1/8"	14, 16
2512	2513	4-1/8"	16, 20
2514	2515	4-1/8"	20, 22
2516	2517	4-1/8"	24

Bit Set



No. 241 Bit Set packed in transparent plastic box. Consists of:

Slotted Screw Bits	Screw No.
No. 2725	4-5-6
2727	7-8
2499	9-10
2730	12

Phillips Bits	Screw No.
No. 2717	#1, 4
2719	2, 5 to 9
2721	3, 10 to 16

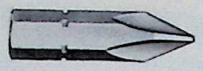
Shank No. 2758	Length
	2"

Hex Sockets	Size
No. 2608	1/4"
2610	5/16"
2612	3/8"
2614	7/16"
2616	1/2"

Hex Shanks for Screwdrivers

No.	Shank	Square Drive	Length
2758	1/4"	1/4"	2"
2427	1/4"	1/4"	4"
2759	1/4"	1/4"	6"
2757	1/4"	3/8"	2"
2756	7/16"	3/8"	2-3/4"
2428	7/16"	1/2"	2-3/4"
2426	5/8"	1/2"	3"
2425	5/8"	5/8"	3"

Screwdriver Bits



1/4" and 5/16" Hex Insert Bit

1/4" and 7/16" Hex Drive

Phillips Head

1/4" Insert Bit			5/16" Insert Bit			1/4" Screwdriver Bit				7/16" Screwdriver Bit			
No.	Bit Length	Point Size	No.	Bit Length	Point Size	No.	Bit Length	Point Size	Screw Size	No.	Bit Length	Body Dia.	Point Size
2547	1"	1	2587	1-1/4"	2	2716	1-15/16"	1	#4—smaller	2522	3-1/2"	1/4"	2
2548	1"	2	2588	1-1/4"	3	2717	3-1/2"	1	#4—smaller	2523	3-1/2"	5/16"	3
2549	1"	3	2589	1-1/4"	4	2718	1-15/16"	2	5-9	2524	3-1/2"	3/8"	4
						2719	3-1/2"	2	5-9				
						2720	1-15/16"	3	10-16				
						2721	3-1/2"	3	10-16				

Slotted Head

No.	Bit Length	Screw Size	No.	Bit Length	Blade Thick.	Screw Size	No.	Bit Length	Screw Size	No.	Bit Length	Screw Screw
2577	1-1/2"	4F-5R	2594	1-1/2"	.042"	8-10	2733	3-3/4"	4, 5, 6	2507	3-7/8"	10, 12
2580	1-1/2"	6F-8R	2595	1-1/2"	.046"	10-12	2735	6-3/4"	4, 5, 6	2509	3-7/8"	12, 14
2581	1-1/2"	8F-10R	2596	1-1/2"	.050"	12-14	2737	3-3/4"	7, 8	2511	4-1/8"	14, 16
2582	1-1/2"	10F-12R	2597	1-1/2"	.055"	14-16	2739	6-3/4"	7, 8	2513	4-1/8"	16, 20
							2740	3-3/4"	9, 10	2515	4-1/8"	20, 22
							2741	3-3/4"	12	2517	4-1/8"	24
							2743	3-7/8"	12, 14			

Socket Head (Allen hd.)

No.	Bit Length	Hex Size	No.	Bit Length	Hex Size	No.	Bit Length	Hex Size	No.	Bit Length	Hex Size
2950	1"	3/32"	2537	1"	3/16"	2722	1-15/16"	1/8"	2500	3-1/2"	3/16"
2535	1"	1/8"	2538	1-5/16"	7/32"	2780	1-15/16"	9/64"	2501	3-1/2"	7/32"
2536	1-5/16"	5/32"	2539	1-5/16"	1/4"	2723	1-15/16"	5/32"	2502	3-1/2"	1/4"
2567	1-5/16"	3/16"	2540	1-5/16"	5/16"	2724	1-15/16"	3/16"	2503	3-1/2"	5/16"
2951	1-5/16"	1/4"	2541	1-1/4"	3/8"				2504	3-1/2"	3/8"
									2505	3-1/2"	1/2"

Frearson

No.	Bit Length	Screw Size	No.	Bit Length	Screw Size	No.	Bit Length	Body Dia.	No.	Bit Length	Body Dia.
2527	1-1/8"	to No. 5	2590	1-3/8"	to No. 5	2713	2-3/4"	3/16"	2550	3-1/2"	1/4"
2528	1-1/8"	to No. 6	2591	1-3/8"	to No. 6	2714	2-3/4"	1/4"	2551	3-1/2"	5/16"
						2715	2-3/4"	5/16"	2552	3-1/2"	3/8"

Clutch Head

No.	Bit Length	Clutch Size	No.	Bit Length	Clutch Size	No.	Bit Length	Clutch Size	Screw Size	No.	Bit Length	Clutch Size	Screw Size
2553	1-1/4"	3/32"	2592	1-3/8"	1/4"	2706	1-15/16"	3/32"	2, 3, 4	2542	3-1/2"	5/32"	6, 10
2554	1-1/4"	1/8"	2593	1-1/2"	5/16"	2707	1-15/16"	1/8"	4, 6	2543	3-1/2"	3/16"	10, 12
2555	1-1/4"	5/32"				2708	1-15/16"	5/32"	6	2544	3-1/2"	1/4"	12, 14, 1/4"
2556	1-1/4"	3/16"				2709	3-1/2"	5/32"	8, 10	2545	3-1/2"	5/16"	5/16", 3/8"
2557	1-1/4"	1/4"				2710	1-15/16"	3/16"	10, 12	2546	3-1/2"	3/8"	3/8"
2569	1-3/4"	5/16"				2711	1-15/16"	1/4"	12, 14, 1/4"				
						2712	1-15/16"	5/16"	5/16", 3/8"				

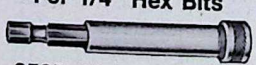
Torx

No.	Torx No.	Bit Length	A Dim.	Body Dia. Min.	Body Dia. Max.
2934	T10	1-15/16"	.107	.146	.156
2935	T15	1-15/16"	.128	.146	.156
2936	T20	1-15/16"	.151	.177	.187
2937	T25	1-15/16"	.173	.177	.187
2938	T27	1-15/16"	.195	.240	.250
2939	T30	1-15/16"	.216	.240	.250
2940	T40	1-15/16"	.260	.305	.315

Robertson Bit

No.	Bit Length	Point Size
2931	1-15/16"	No. 1
2932	1-15/16"	No. 2
2933	1-15/16"	No. 3

Insert Bits for Mag. & Non Mag. Holders For 1/4" Hex Bits

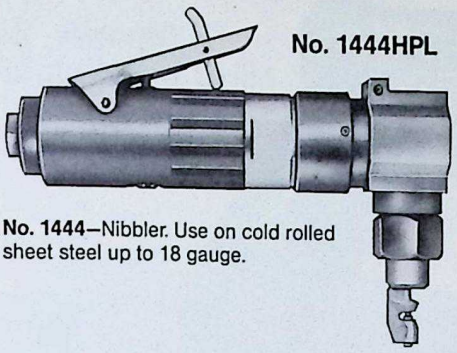


No. 2525—Magnetic bit holder
No. 2497—Bushing. Use with No. 2525 holder.

No. 2526—Non-magnetic bit holder.

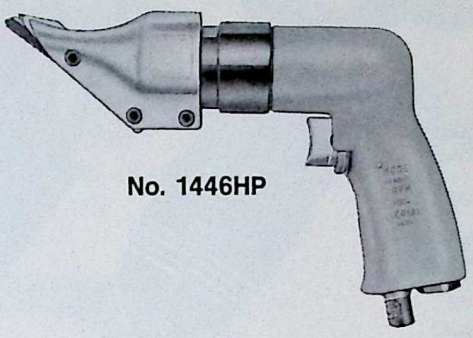
Air Metalworking Tools

Nibbler



No. 1444HPL

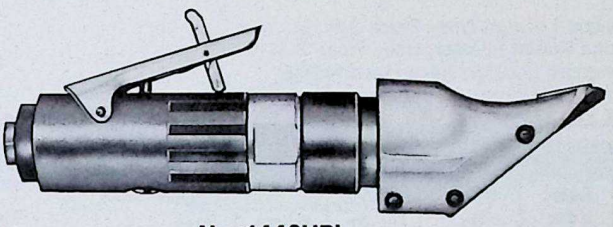
No. 1444—Nibbler. Use on cold rolled sheet steel up to 18 gauge.



No. 1446HP

Air Shear

- Cuts 18 gauge steel
- Cuts plastic and like material up to 3/32" thick
- Cuts curves or straight
- Cuts smooth, safe, clean
- Excellent for ductwork, gutters, flashing, aluminum siding, auto body panels



No. 1446HPL

Air Saw

No. 3P1460

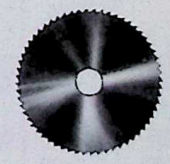
All blades have 7/16" hole
Packed and sold in dozen lots only—not assorted

Saw Blades for 3P1460

No. 1886
12 Blades
2-1/2" 44 Tooth

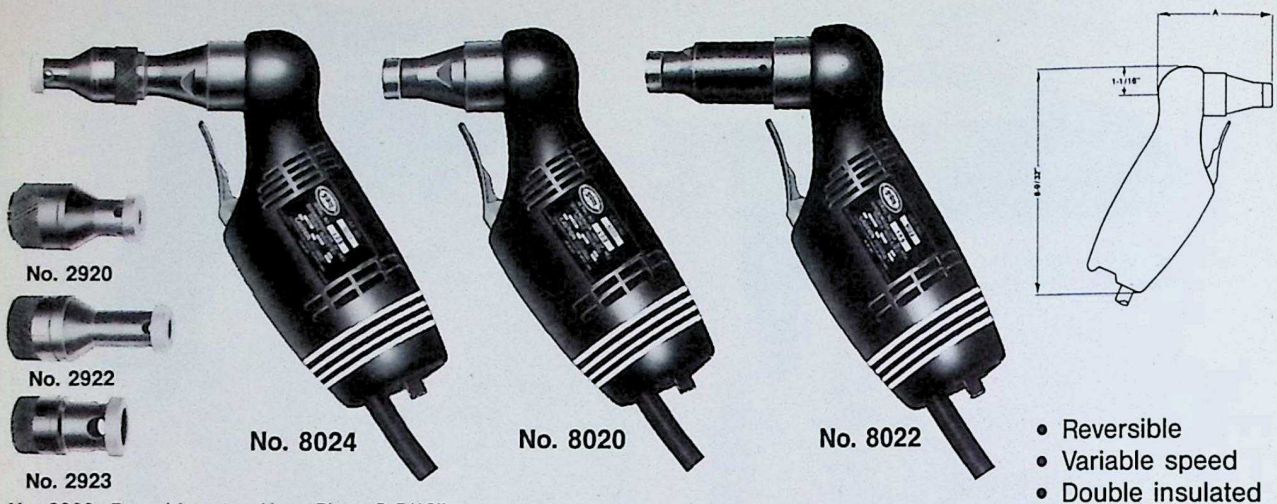
No. 1888
12 Blades
2-1/2" 100 Tooth

No. 1887
12 Blades
2-1/2" 80 Tooth



Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Torque In. Lbs.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
Pistol Lever-Lock	Non-Rev	2600	1446HP	29/32	—	1/4"PT	3/8"	8	2-15	.75
		2600	1446HPL	29/32	—	1/4"PT	3/8"	10-1/2	2-12	.75
Pistol Lever-Lock		1400	3P1460	1-1/32	180	1/4"PT	3/8"	14-1/4	3	1
		2600	1444HPL	29/32	—	1/4"PT	3/8"	8-1/16 4-1/2 High	2-12	.75

8000 Series Electric Screwdrivers



- Reversible
- Variable speed
- Double insulated

No. 2920—Round Locator, Nose Piece 2-5/16"
No. 2922—Long Round Locator, Nose Piece 3-3/16"
No. 2923—Fastener Locator, Nose Piece 2-7/16"

Depth Locator

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
8024	0-1300	6-11/32	4	115	3.4
8024G	0-1300	6-11/32	4	115	3.4
8029	0-2500	6-11/32	4	115	3.4
8029G	0-2500	6-11/32	4	115	3.4
8064	0-750	6-11/32	4	115	3.4
8064G	0-750	6-11/32	4	115	3.4

Positive Clutch

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
8020	0-1300	4-11/32	3-8	115	3.4
8020G	0-1300	4-11/32	3-8	115	3.4
8025	0-2500	4-11/32	3-8	115	3.4
8025G	0-2500	4-11/32	3-8	115	3.4
8060	0-750	4-11/32	3-8	115	3.4
8060G	0-750	4-11/32	3-8	115	3.4

Positive Type A Clutch

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
8020A	0-1300	4-11/32	3-8	115	3.4
8020AG	0-1300	4-11/32	3-8	115	3.4
8025A	0-2500	4-11/32	3-8	115	3.4
8025AG	0-2500	4-11/32	3-8	115	3.4
8060A	0-750	4-11/32	3-8	115	3.4
8060AG	0-750	4-11/32	3-8	115	3.4

Adjustable Clutch

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
8022	0-1300	5-29/32	3-13	115	3.4
8022G	0-1300	5-29/32	3-13	115	3.4
8027	0-2500	5-29/32	3-13	115	3.4
8027G	0-2500	5-29/32	3-13	115	3.4
8062	0-750	5-29/32	3-13	115	3.4
8062G	0-750	5-29/32	3-13	115	3.4

Capacity: Wood screws up to No. 12 x 2 inches; self-tapping screws up to 1/4"; lag screws up to No. 12 x 2 inches; machine nuts and screws up to 1/4".

All tools are double insulated. Suffix G indicates 3-conductor grounding wire and plug. Example: 8027G.

All tools are available in 230 volt. Suffix tool number with J. Example: 8025J.

See page 25 for clutch descriptions.

NEW

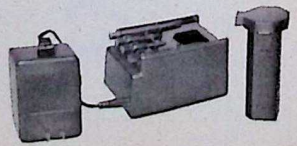
Cordless "Twisting" Screwdriver

The Sioux Cordless "Twisting" Screwdriver may be used as a straight tool or "twisted" into a pistol shaped tool. The tool will lock in either position. Four screwdriver bits are included with each tool.

No. 1800

No. 1801—Power Pack

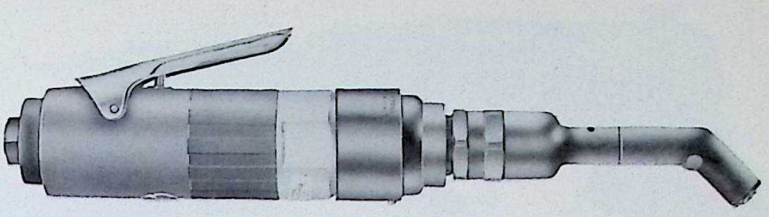
No. 1802—Battery Charger and Stand



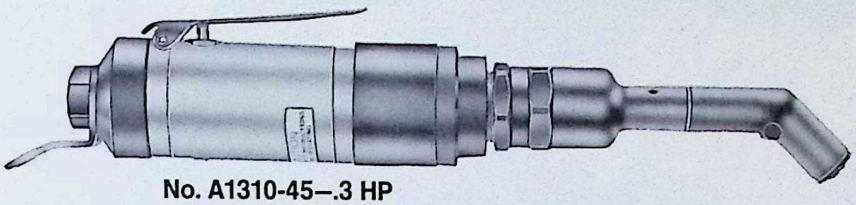
Aircraft Specialty Tools—Angle Drills

NEW

45° Aircraft Angle Head Drills

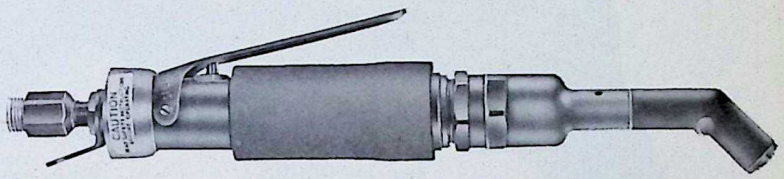


No. 2A1410-45—.8 HP



No. A1310-45—.3 HP

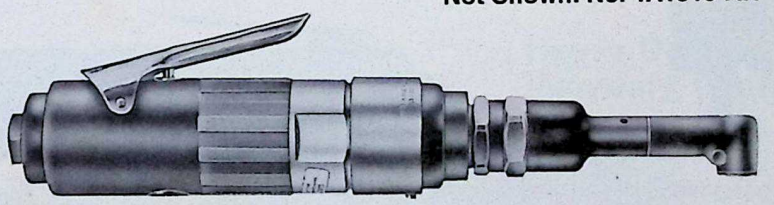
- 45° or 90° close quarters aircraft style angle head
- Spare parts compatability with other Sioux Air Tools
- Built-in air speed control



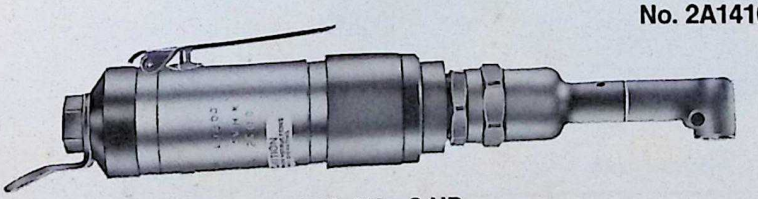
No. 1A1510-45—.3 HP

Not Shown: No. 1A1510-AH

90° Aircraft Angle Head Drills



No. 2A1410-AH—.8 HP



No. A1310-AH—.3 HP

AH indicates 90° Aircraft Angle Head

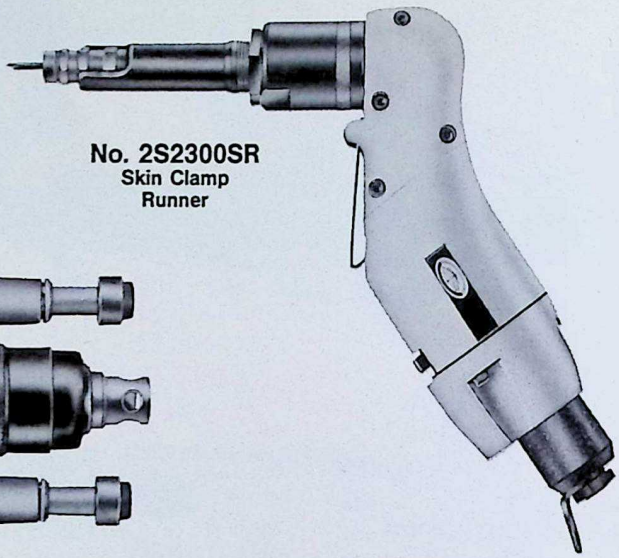
Handle		R.P.M. No Load	H.P.	Cat. No.	Side To Center Inches	Spindle Thread (Female)	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.
Lever	Non-Reversible	2300	.18	1A1510-45	11/32	1/4"-28	1/8" NPT	3/16"	10-3/4	1-7
		2300	.18	1A1510-AH	11/32	1/4"-28	1/8" NPT	3/16"	9-7/16	1-7
		2500	.33	A1310-45	21/64	1/4"-28	1/4"	1/4"	10-5/8	2-6
		5800	.80	2A1410-45	21/64	1/4"-28	1/4"	3/8"	11-15/16	2-12
		2500	.33	A1310-AH	21/64	1/4"-28	1/4"	1/4"	10-1/16	2-6
		5800	.80	2A1410-AH	21/64	1/4"-28	1/4"	3/8"	11-7/16	2-12

NEW

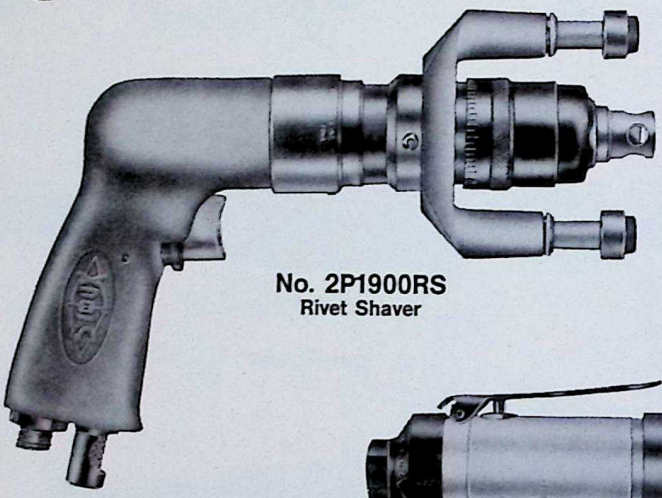
Aircraft Specialty Tools– Rivet Shaver, Flathead Drill, Skin Clamp Runners

No. 02300SR
Skin Clamp
Runner

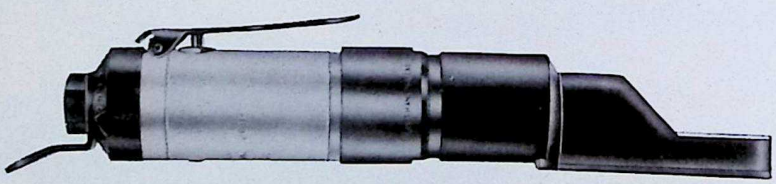
"Skin Clamp" not included



No. 2S2300SR
Skin Clamp
Runner



No. 2P1900RS
Rivet Shaver



No. L1300FD
Flathead Drill

- Ergonomically designed housings
- .33 or .8 horsepower
- Spare parts compatible with other Sioux Air Tools
- Rapid reverse on 02300SR Skin Clamp Runner

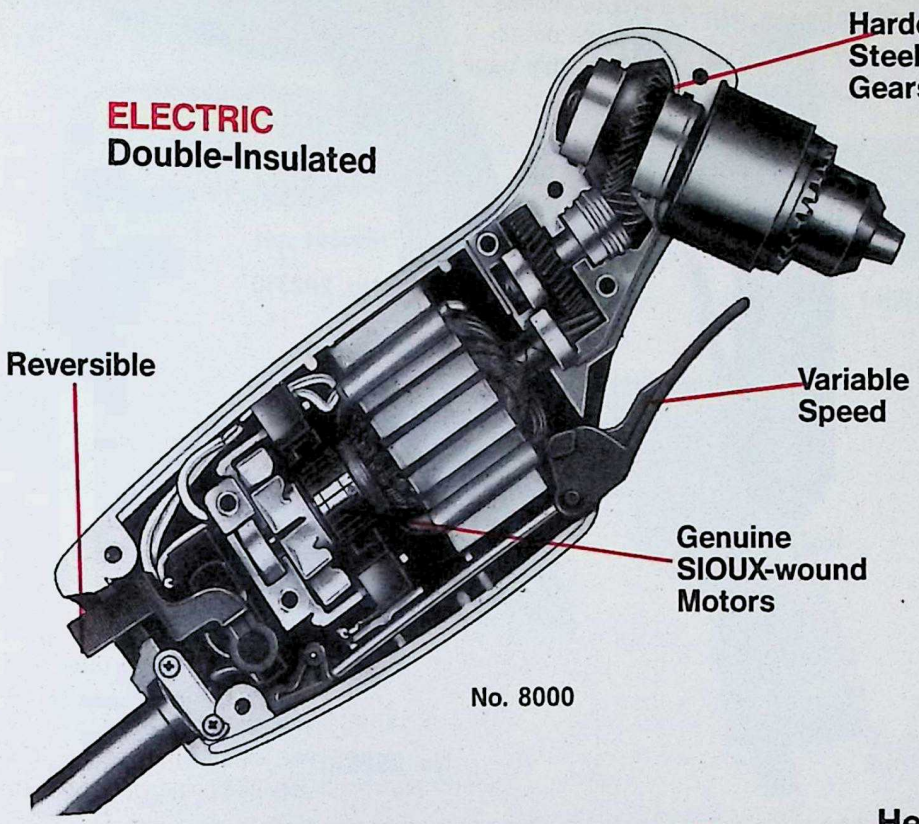
Description	Handle		R.P.M. No Load	Capacity	Cat. No.	Side To Center Inches	Spindle Thread (Female)	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.
Flathead Drill	Lever	NR	2,500	—	L1300FD	33/64	1/4"-28	1/4"	1/4"	10-5/8	2-4
Rivet Shaver	Pistol	NR	18,000	**	2P1900RS		1/4"-28	1/4"	3/8"	8-5/8	3-2
Skin Clamp Runner	"S" Handle	Rev	2,200	*	2S2300SR	29/32	—	1/4"	1/4"	5-11/16	2-10
Skin Clamp Runner	Pistol	Rev	1,900	*	02300SR	29/32	—	1/4"	1/4"	9-1/8	2-9

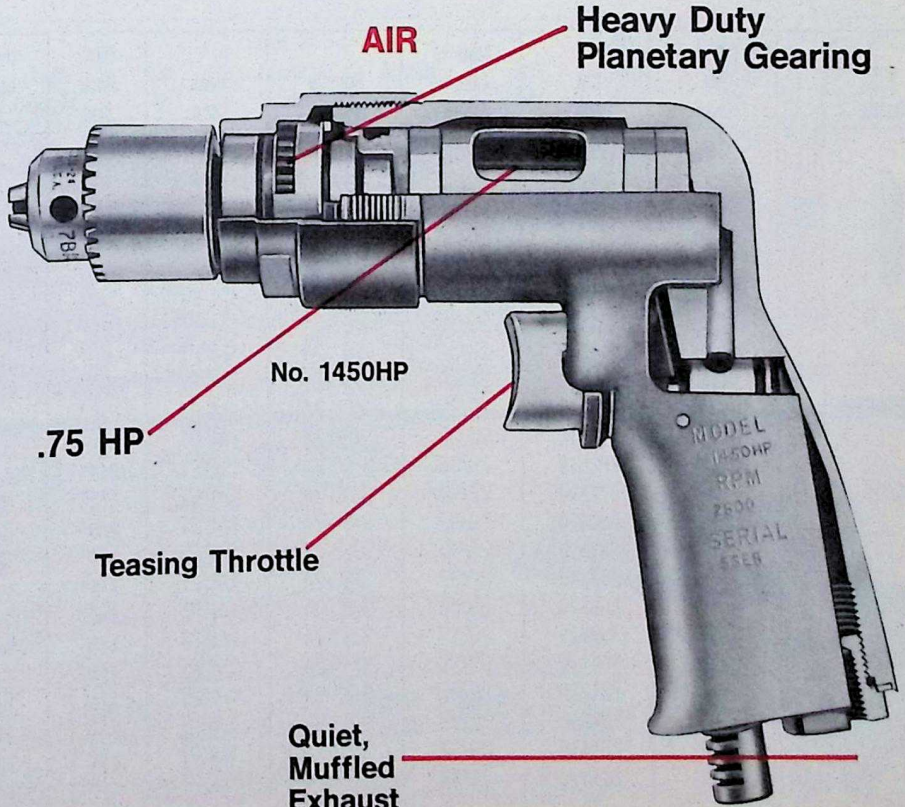
**Cutter capacity 1/2" std., 5/8" max.

* w/1/2"-12 point internal hex
9/16"-6 point external hex

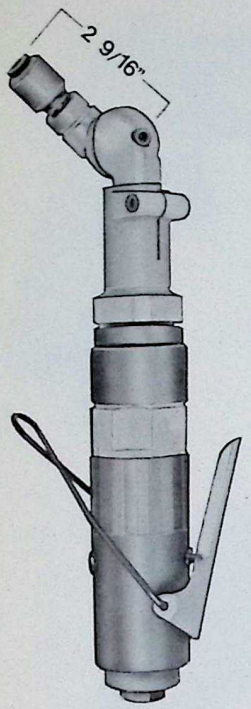
Other RPM variations available upon request.

Precision Quality Air and Electric Drills

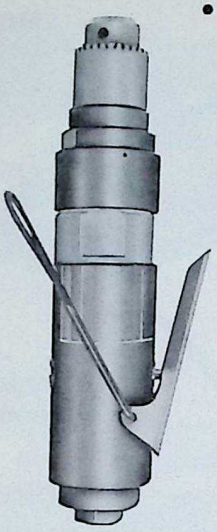




1/4" Air Drills
Reversible and Non-Reversible

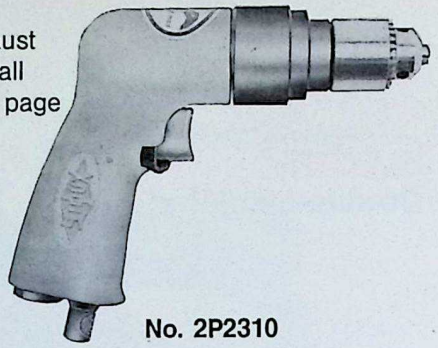


No. 2L1380

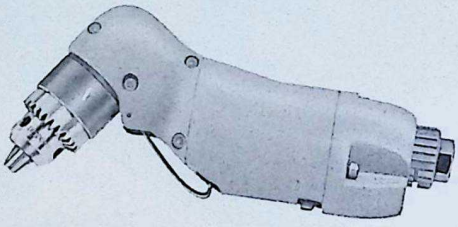


No. 2L1310

- Remote exhaust available on all tools on this page



No. 2P2310

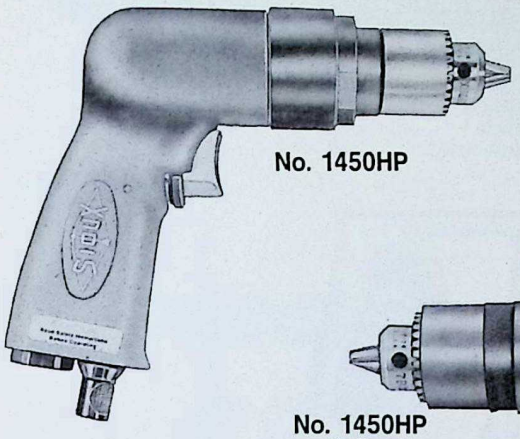


No. 2S2310

Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Spindle Thread	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
Lever	Non-Reversible	540	2L1510	29/32	3/8"-24	1/4"PT	3/8"	10	2-14	.75
		900	2L1110	29/32	3/8"-24	1/4"PT	3/8"	10	2-14	.75
		1600	2L1210	29/32	3/8"-24	1/4"PT	3/8"	10	2-14	.75
		2600	2L1610	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.75
		3350	2L1310	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.75
		3350	2L1380	—	3/8"-24	1/4"PT	3/8"	13-3/4	2-5	.75
		5800	2L1410	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.75
		18,000	2L1910	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.75
Pistol	Reversible	400	2P2510	29/32	3/8"-24	1/4"PT	3/8"	8	3-0	.75
		700	2P2110	29/32	3/8"-24	1/4"PT	3/8"	8	3-0	.75
		1200	2P2210	29/32	3/8"-24	1/4"PT	3/8"	8	3-0	.75
		2000	2P2610	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8	.75
		2500	2P2310	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8	.75
		4400	2P2410	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8	.75
		1000	2S2110	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.33
		1600	2S2210	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.33
		2200	2S2310	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.33
		3500	2S2410	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.33
All Angle	Non-Reversible	1000	2S1110	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.50
		1600	2S1210	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.50
		2200	2S1310	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.50
		3500	2S1410	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.50
		5000	2S1510	29/32	3/8"-24	1/4"PT	1/4"	3-9/16	2-10	.50

.75 HP Air Drills

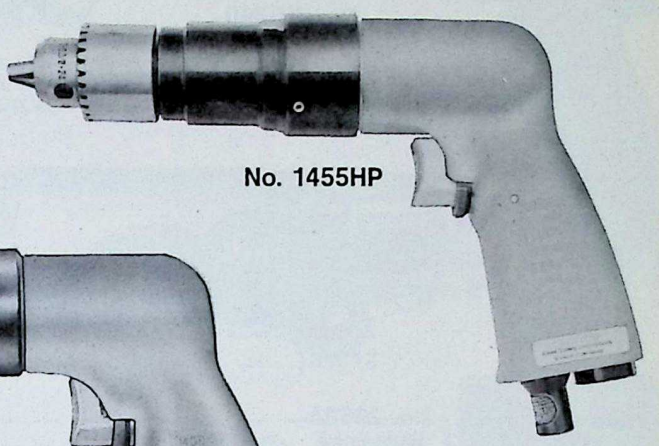
Non-Reversible 1/4" or 3/8" Capacity



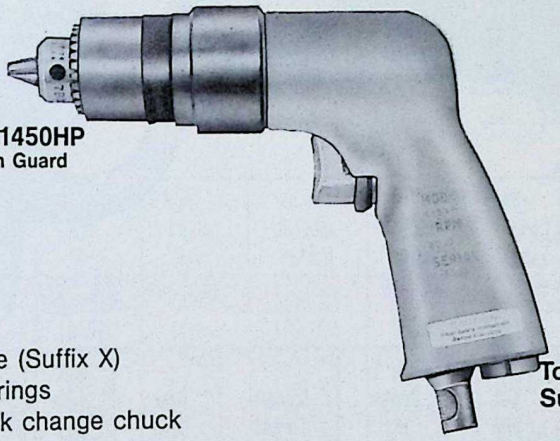
No. 1450HP

All Drills available with either 1/4", 3/8" or no chuck

To order without chuck, suffix LC.



No. 1455HP



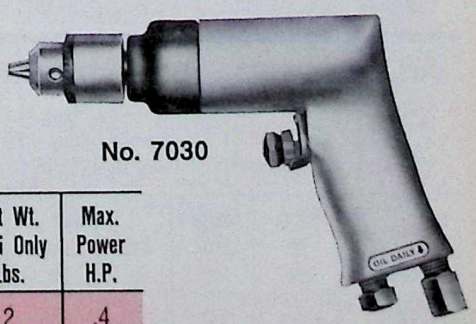
No. 1450HP
with Guard

- Speed control
- Teasing throttle
- Remote exhaust available (Suffix X)
- Full ball and needle bearings
- Adapts to No. 2352 quick change chuck

To order remote exhaust, Suffix X. Example: 1455HPX

Handle		R.P.M. No Load	Chuck Capacity	Cat. No.	Side To Center Inches	Spindle Thread	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.
Pistol	Non-Reversible	450	3/8"	1449HP	29/32	3/8"-24	1/4"PT	3/8"	8-1/4	3-1
		450	1/2"	1449HPB	29/32	1/2"-20	1/4"PT	3/8"	8-3/4	3-5
		1000	3/8"	1455HP	29/32	3/8"-24	1/4"PT	3/8"	8-1/4	3-1
		2000	3/8"	1451HP	29/32	3/8"-24	1/4"PT	3/8"	7-1/8	2-10
		2600	1/4"	1450HP	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8
		2600	3/8"	1454HP	29/32	3/8"-24	1/4"PT	3/8"	7-1/8	2-10
		3000	1/4"	1452HP	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8
		4500	1/4"	1453HP	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8
		6000	1/4"	1456HP	29/32	3/8"-24	1/4"PT	3/8"	6-7/8	2-8

An imported tool distributed by SIOUX Tools.

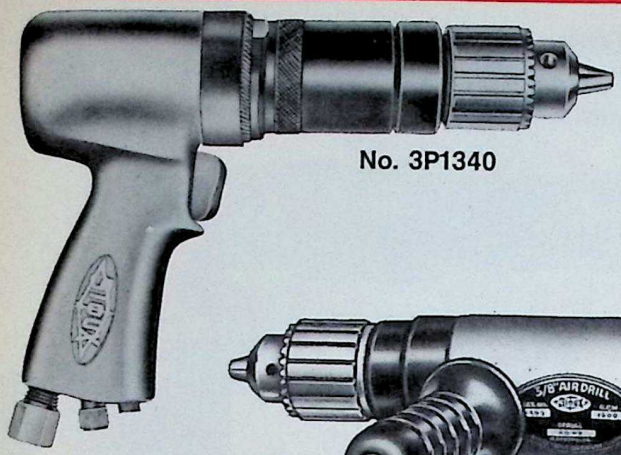


No. 7030

No. 7030—3/8" capacity heavy duty drill, 2200 R.P.M.

Handle	R.P.M. No Load	Chuck Size Ins.	Cat. No.	Side To Center Ins.	Spindle Thread	Hose Conn.	Overall Length Ins.	Net Wt. Tool Only Lbs.	Max. Power H.P.
Pistol	2200	3/8	7030	7/8	3/8"-24	1/4	6.4	2	.4

3/8" - 1/2" Air Drills

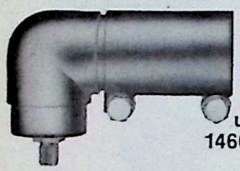


No. 3P1340

No. 2355
Auxiliary Handle
included with
all 3P series drills listed

1 HP
No. 3T1630

No. 1465



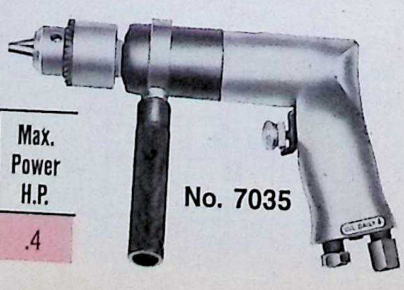
No. 2360A
Right angle
attachment for
use with No. 1465,
1466 and 1467 Air Drills.
3:2 Gear Ratio—
either increase or decrease

Handle		R.P.M. No Load	Chuck Size Ins.	Cat. No.	Side To Center Ins.	Spindle Thread	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
D	Non-Reversible	375	1/2	1467	1	1/2"-20	1/4"PT	3/8"	13-3/8	6-10	1
		550	1/2	1466	1	1/2"-20	1/4"PT	3/8"	13-3/8	6-10	1
		1000	3/8	1465	1	1/2"-20	1/4"PT	3/8"	13-5/16	6-10	1
		2000	1/2	1464	1	1/2"-20	1/4"PT	3/8"	13-5/16	6-10	1
Pistol		360	1/2	3P1140	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	1
		650	1/2	3P1240	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	1
		1000	1/2	3P1340	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	1
		1400	3/8	3P1430	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	1
		2150	3/8	3P1530	1-1/32	1/2"-20	1/4"PT	3/8"	7-1/2	4-4	1
		2650	3/8	3P1630	1-1/32	1/2"-20	1/4"PT	3/8"	7-1/2	4-4	1
	Reversible	300	1/2	3P2140	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	.8
		550	1/2	3P2240	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	.8
		850	1/2	3P2340	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	.8
		1200	3/8	3P2430	1-1/32	1/2"-20	1/4"PT	3/8"	8-13/16	5	.8
		1800	3/8	3P2530	1-1/32	1/2"-20	1/4"PT	3/8"	7-1/2	5	.8
		2250	3/8	3P2630	1-1/32	1/2"-20	1/4"PT	3/8"	7-1/2	5	.8
T-Handle	N	2650	3/8	3T1630	1-1/32	1/2"-20	1/4"PT	3/8"	30	5-12	1

An imported tool distributed by SIOUX Tools.

No. 7035—1/2" capacity heavy duty drill
with auxiliary handle, 500 R.P.M.

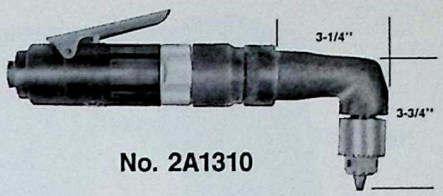
Handle	R.P.M. No Load	Chuck Size Ins.	Cat. No.	Side To Center Ins.	Spindle Thread	Hose Conn.	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. Power H.P.
Pistol	500	1/2	7035	7/8	3/8"-24	1/4	10	3.75	.4



No. 7035

Industrial Air Angle Drills

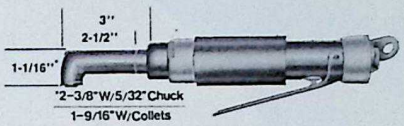
No. 3A1340



No. 2A1310

- Remote exhaust available on No. 2-1/2 Series drills

No. A1310



No. 1A1510

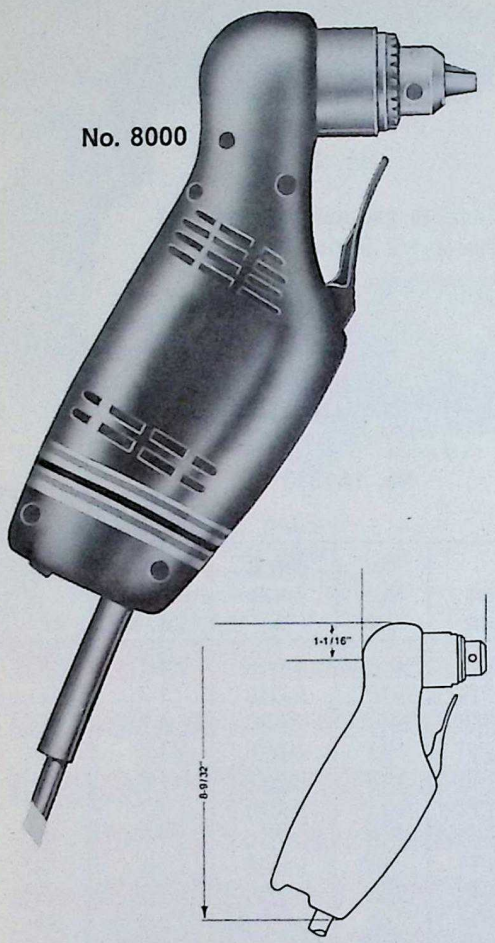
Handle		R.P.M. No Load	Chuck Size Ins.	Cat. No.	Side To Center Ins.	Spindle Thread	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
Angle	Non-Reversible	2300	* §	1A1510	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		2300	** §	1A1520	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		2300	*** §	1A1530	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		2900	* §	1A1610	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		2900	** §	1A1620	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		2900	*** §	1A1630	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		4100	* §	1A1710	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		4100	** §	1A1720	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		4100	*** §	1A1730	11/32	1/4"-28	1/8"PT	3/16"	9-7/16	1-7	.18
		2500	1/4"	A1310	23/32	3/8"-24	1/4"PT	1/4"	8-15/16	3-6	.33
	Reversible	400	1/4"	2A2510	23/32	3/8"-24	1/4"PT	3/8"	12-7/8	4-3	.75
		700	1/4"	2A2110	23/32	3/8"-24	1/4"PT	3/8"	12-7/8	4-3	.75
		1200	1/4"	2A2210	23/32	3/8"-24	1/4"PT	3/8"	12-7/8	4-3	.75
		2000	1/4"	2A2610	23/32	3/8"-24	1/4"PT	3/8"	11-1/2	3-12	.75
		2500	1/4"	2A2310	23/32	3/8"-24	1/4"PT	3/8"	11-1/2	3-12	.75
	Non-Reversible	540	1/4"	2A1510	23/32	3/8"-24	1/4"PT	3/8"	12	4-0	.75
		900	1/4"	2A1110	23/32	3/8"-24	1/4"PT	3/8"	12	4-0	.75
		1600	1/4"	2A1210	23/32	3/8"-24	1/4"PT	3/8"	12	4-0	.75
		2600	1/4"	2A1610	23/32	3/8"-24	1/4"PT	3/8"	10-5/8	3-9	.75
		3350	1/4"	2A1310	23/32	3/8"-24	1/4"PT	3/8"	10-5/8	3-9	.75
	Reversible	300	1/2"	3A2140	3/4	1/2"-20	1/4"PT	3/8"	15-1/2	6-11	.8
		480	1/2"	3A2240	3/4	1/2"-20	1/4"PT	3/8"	15-1/2	6-11	.8
		700	1/2"	3A2340	3/4	1/2"-20	1/4"PT	3/8"	15-1/2	6-11	.8
		1000	3/8"	3A2430	11/16	1/2"-20	1/4"PT	3/8"	15-1/2	6-11	.8
		1400	3/8"	3A2530	11/16	1/2"-20	1/4"PT	3/8"	15-1/2	6-11	.8
	Non-Reversible	360	1/2"	3A1140	3/4	1/2"-20	1/4"PT	3/8"	15-1/8	6-8	1
		600	1/2"	3A1240	3/4	1/2"-20	1/4"PT	3/8"	15-1/8	6-8	1
		850	1/2"	3A1340	3/4	1/2"-20	1/4"PT	3/8"	15-1/8	6-8	1
		1200	3/8"	3A1430	11/16	1/2"-20	1/4"PT	3/8"	15	5-11	1
		1800	3/8"	3A1530	11/16	1/2"-20	1/4"PT	3/8"	13-11/16	4-2	1

*1/4"-28 Female Thread
**5/32" Jacobs Chuck
***3/16" Collet Chuck

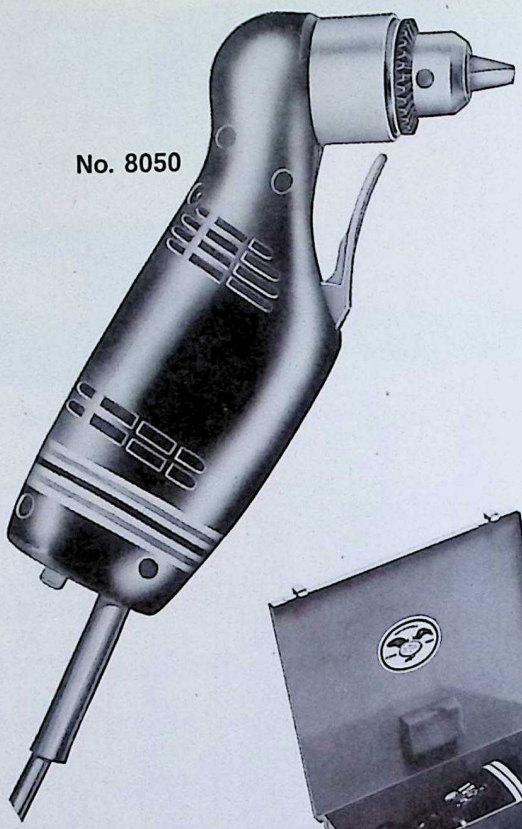
§—Collet Chucks
2418-1/16" Collet
2419-1/8" Collet
2420-3/16" Collet

8000 Series
1/4" - 3/8" - 1/2" Electric Drills
Double Insulated, Heavy Duty

No. 8000



No. 8050



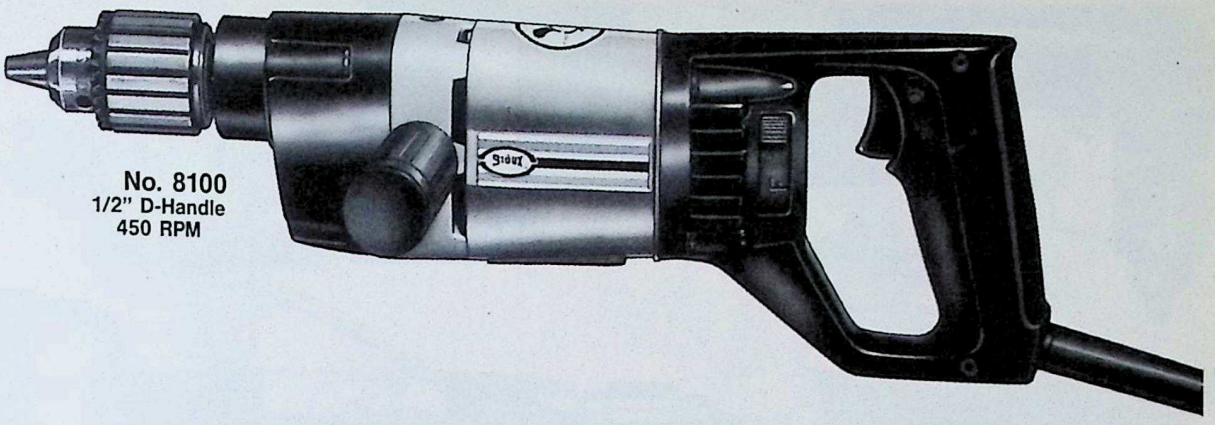
No. 334—Metal Box for 8000 series tools.

- Lightweight—3 pounds
- Genuine SIOUX-wound motor for long life
- Variable speed
- Reversible
- Double insulated

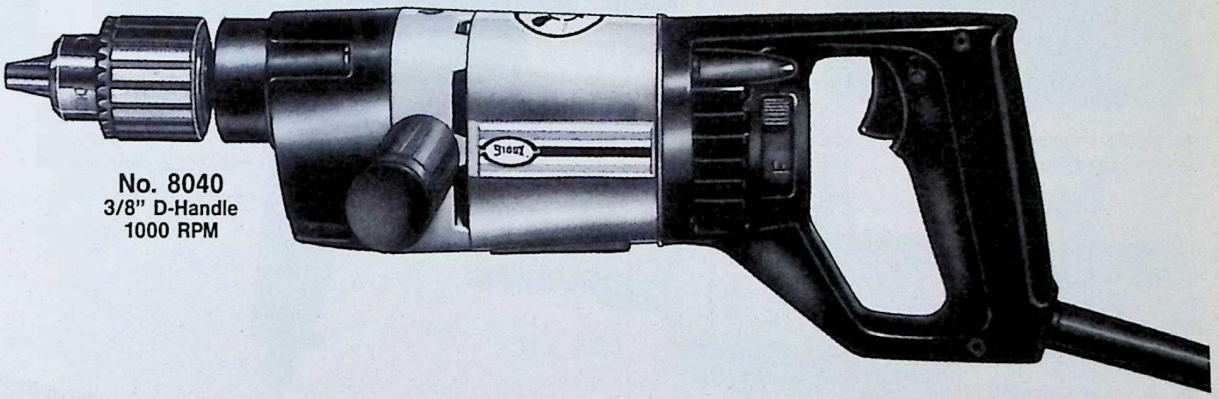
Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity In Steel	Maximum Capacity In Hdwood
Angle	3/8"	0-1300	8000	1	115	3.5	10	3-8	.375	3/8"	1"
	3/8"	0-1300	8000G	1	115	3.5	10	3-8	.375	3/8"	1"
	3/8"	0-2500	8005	1	115	3.5	10	3-8	.375	3/8"	1"
	3/8"	0-2500	8005G	1	115	3.5	10	3-8	.375	3/8"	1"
	1/4"	0-1300	8010	1	115	3.5	10	3-8	.375	1/4"	1"
	1/4"	0-1300	8010G	1	115	3.5	10	3-8	.375	1/4"	1"
	1/4"	0-2500	8015	1	115	3.5	10	3-8	.375	1/4"	1"
	1/4"	0-2500	8015G	1	115	3.5	10	3-8	.375	1/4"	1"
	1/2"	0-750	8050	1	115	3.5	10	3-8	.375	1/2"	1"
	1/2"	0-750	8050G	1	115	3.5	10	3-8	.375	1/2"	1"

All drills are available in 230 volt—Suffix J.
Suffix G indicates grounding cord and plug.

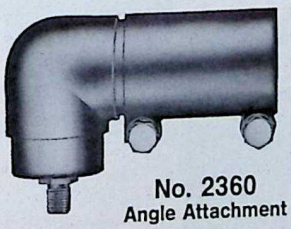
3/8" - 1/2" Electric Drills Double Insulated, Heavy Duty, Reversible



No. 8100
1/2" D-Handle
450 RPM



No. 8040
3/8" D-Handle
1000 RPM



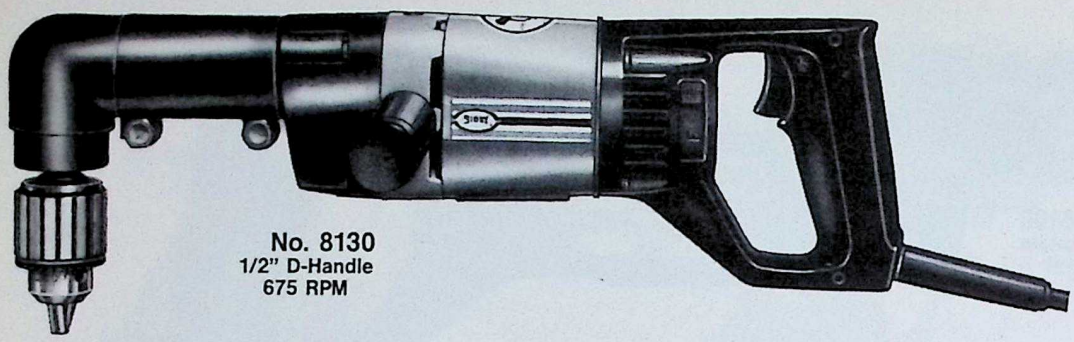
No. 2360
Angle Attachment

- Powerful 5 amp universal motor—AC/DC
- 3-Position side handle for maximum control

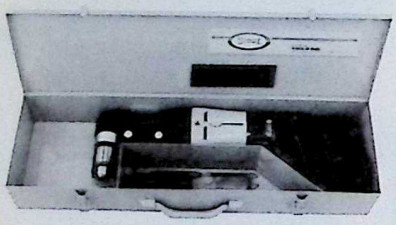
Right Angle Drill Attachment. 3:2 gear ratio. Can be used as an increaser or reducer. (Will not fit the No. 8040 drill.)

Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Torque In. Lbs.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
											In Steel	In Hdwood
D	3/8"	1000	8040	1-3/4	170	115	5	14-1/2	6-14	.5	3/8"	1-1/4"
D	1/2"	450	8100	1-3/4	170	115	5	15-1/8	7-6	.5	1/2"	1-1/2"

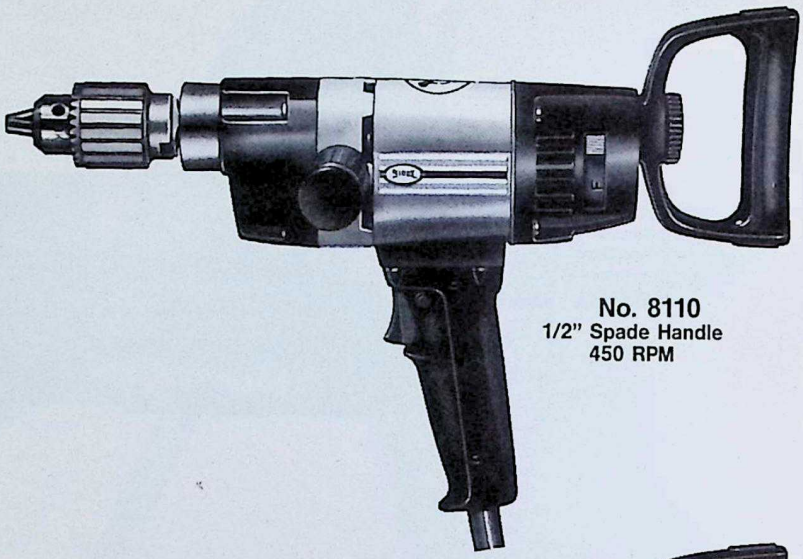
1/2" Electric Drills
Double Insulated, Heavy Duty, Reversible



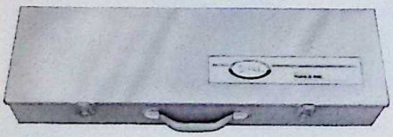
No. 8130
1/2" D-Handle
675 RPM



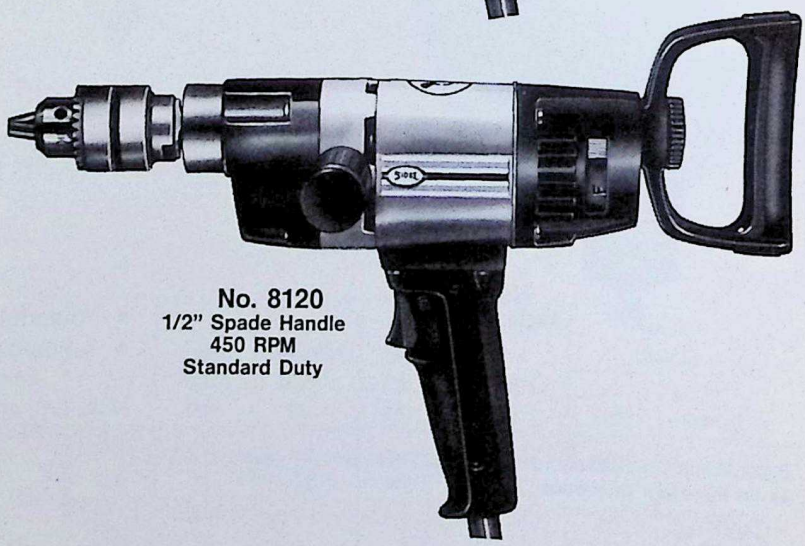
No. 8130K—Angle drill No. 8130 in metal carrying case No. 331.



No. 8110
1/2" Spade Handle
450 RPM



No. 331—Metal carrying case for Angle drill No. 8130.

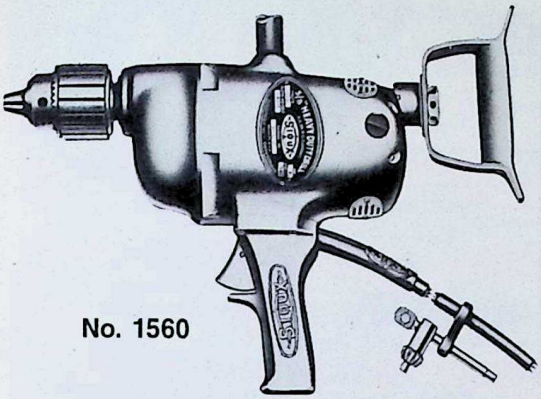


No. 8120
1/2" Spade Handle
450 RPM
Standard Duty

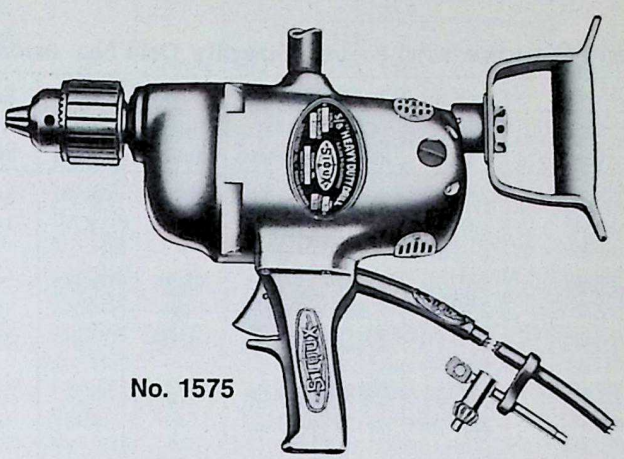
- Powerful 5 amp motor
- 3-Position side handle for maximum control

Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Torque In. Lbs.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
											In Steel	In Hdwood
D	1/2"	300-675	**8130**	1-3/4	170	115	5	17	10	.5	1/2"	1-1/2"
Spade	1/2"	450	**8110**	1-3/4	170	115	5	16-4	7-6	.5	1/2"	1-1/2"
Spade	1/2"	450	**8120**	1-3/4	170	115	5	15-12	7-2	.5	1/2"	1-1/2"

5/8", 3/4" and 1" Electric Drills SIOUX-PER Duty

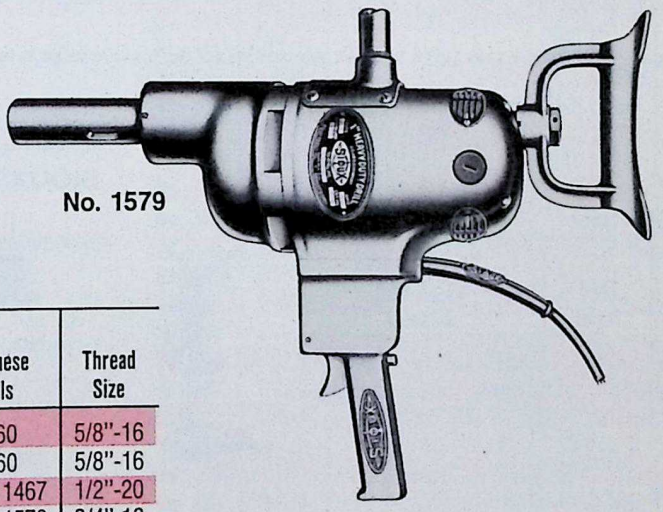


No. 1560



No. 1575

- Ball bearings
- Universal motors—AC-DC
- Genuine SIOUX-wound motors for long life



No. 1579

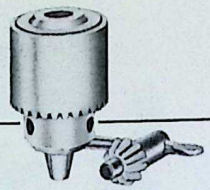
Morse Taper Sockets for Taper Shank Drills

Cat. No.	Morse Taper No.	Bit Size	Use With These SIOUX Drills	Thread Size
1581	1	1/2"-5/8"	1550, 1560	5/8"-16
1582	2	1/2"-5/8"	1550, 1560	5/8"-16
1582SP	2	1/2"-5/8"	1465, 1466, 1467	1/2"-20
1582A	2	3/4"-7/8"-1"	1575, 1578, 1579	3/4"-16
1583	3	3/4"-7/8"-1"	1575, 1578, 1579	3/4"-16
1582B	2 to 1	Reducing Sleeve		
1583A	3 to 2	Reducing Sleeve		
1582D	2	Drift Key		
1583D	3	Drift Key		

- All drills on this page are available as reversible—Suffix R.

Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Spindle Thread	Torque In. Lbs.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
												In Steel	In Hdwood
	5/8"	415	1560	2-7/16	5/8-16	350	115	10	17	18-4	.9	5/8"	1-1/4"
	3/4"	450	1575	3	3/4-16	560	115	10	21	27-4	1-1/8	3/4"	1-1/2"
Spade	#3	400	1579	3	3/4-16	600	115	10	22-3/4	27-5	1-1/8	1"	2"
	Morse Taper												

Drill Chucks and Keys—Specify Drill No. and Serial No.

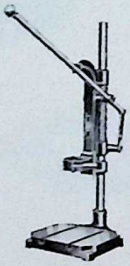


Chuck Capacity	Thread Size	SIOUX Catalog Number	SIOUX Key Number	Jacobs Number	Jacobs Key Number	Rubber Key Holder Number	Used On
0-5/32"	Tapered	43881	30631	0	K0	14272	#1 Series
0-1/4"	3/8"-24	21077	30000	—	K7	14272	8010, 8015, P, L, S Series, 2 Series, 2-1/2 Series, 1450 HP Series
0-3/8"	1/2"-20	21002	30011	32B	K32	14273	1517, 1541, #3 Series, 1465
0-3/8"	3/8"-24	21085	30231	2B	K2	14273	1477, 1478, 1479
0-3/8"	3/8"-24	21116	30002	31BA	K30	14272	1456 HP 3/8, #2, S Series, 8000, 8005, Pneumatic Hammer Drills
1/16"-3/8"	1/2"-20	21131	30002	31BA	K30	—	1481, 2-1/2 Series
1/16"-3/8"	3/8"-24	21133	30002	—	K30	14273	2-1/2 Series, 1449HP, 1451HP, 1454HP, 1455HP, 8000 Series
5/64"-1/2"	3/8"-24	21132	30429	SM8K61	KK	—	8050
5/64"-1/2"	1/2"-20	21137	30011	33BA	K32	14273	2-1/2 Series, 8100, 8130, 8410, 1449 HPB
1/8"-5/8"	5/8"-16	21015	30020	3B	K3	14273	1560
3/16"-3/4"	3/4"-16	21016	30031	36B	K4	14273	1575

Chucks are provided with RH threads—to loosen, turn left. Insert chuck key in chuck, then with a lead or brass hammer give the key a sharp tap. Preceding applies to non-reversing drills only.

Drill Stands

Cat. No.	Feed Travel	Use With These SIOUX Drill Numbers
1555	6"	1550 - Serial 7501 Up 1560 - Serial 5501 Up
1580	6"	1575, 1579



SIOUX Wire End Brushes

No. 225

No. 231
No. 232

No. 224
No. 226
No. 227
No. 228

- All have 1/4" shanks
- Used with 1/4" electric and air drills
- **Available only in lots of 5**

No.	Type	Size	Wire Size	Max RPM
*224	Hollow Center	1 x 1"	.008	22,000
225	Flared end	1-1/2"	.020	22,000
226	Solid wire filled	1 x 1"	.020	22,000
227	Solid wire filled	3/4 x 1"	.020	22,000
228	Solid wire filled	1/2 x 1"	.020	25,000
231	Knot type	1 x 1-1/8"	.014	22,000
232	Knot type	1 x 1-1/8"	.020	22,000

*Especially suitable for aluminum heads.

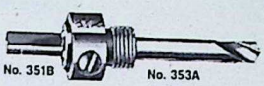
No. 2352—Quick change chuck for 1/4" Hex Shank screwdriver bits and socket adaptors—3/8"-24 thread.

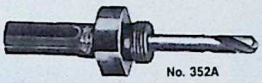
Arbors

Cat. No.	Thread Size	Shank Size	Body Size
49	3/8"-16	1/4"	1/2"
49A	5/8"-11	1/4"	5/8"

High Speed Steel Hole Saws

- Sizes from 5/8" to 6"
- Depth of cut 1-1/8"
- High speed steel teeth welded to vanadium body



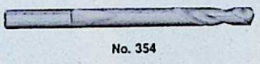


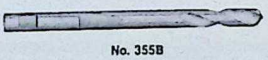
Arbors

Cat. No.	Use with Hole Saw Sizes	Min. Drill Size	Thread Size
351B	5/8"-1-3/16"	1/4"	1/2"-20
352A	5/8"-1-3/16"	1/2"	1/2"-20
353A	1-1/4" up	1/2"	5/8"-18
350B	1-3/4" up	1/2"	5/8"-18
356A	1-1/4"-3"	1/2"	5/8"-18

Pilot Drills

Cat. No.	Size	For Use With These Arbors
355B	1/4"	351B
354	1/4"	350, 350A, 350B, 352, 352A, 353, 353A, 356A





Extensions

Cat. No.	Length	For Use With These Arbors
346	4"	351, 351B
348	6"	350A, 352, 352A, 353, 353A
349	12"	350B

Threaded Bushing

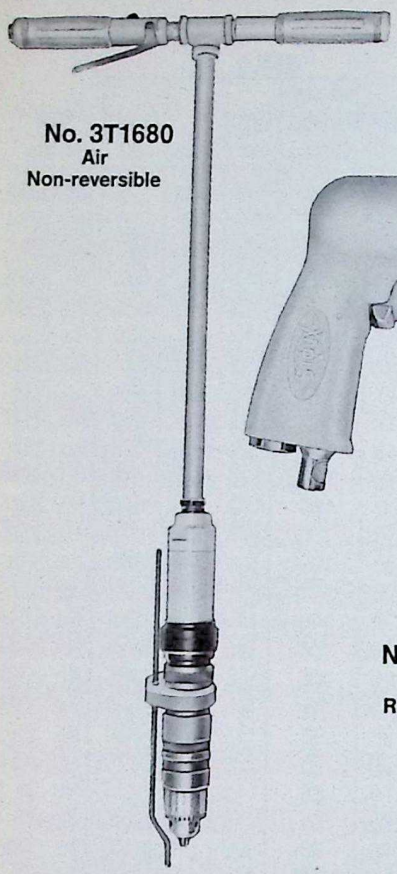
Cat. No.	For Saws	For Use With These Arbors
438	1-1/4 and over	351, 351B

No. 275—Consists of 3/4"; 1", 1-1/4", 1-1/2", 1-3/4", 2" Hole saws and No. 351B 1/4" Arbor, No. 353A 1/2" Arbor.

Cat. No.	Diameter Ins.	R.P.M.'s Mild Steel	Tool and Stainless Steels	Cast Iron	Brass	Alum-inum	Arbor to Use
No. 375	5/8	550	275	365	730	825	*No. 352A
No. 375A	11/16	500	250	330	665	750	*No. 352A
No. 377	3/4	460	230	300	600	690	*No. 352A
No. 377A	13/16	425	210	280	560	635	*No. 352A
No. 378	7/8	390	195	260	520	585	*No. 352A
No. 378A	15/16	370	185	245	495	555	*No. 352A
No. 379	1	350	175	235	470	525	*No. 352A
No. 379A	1-1/16	325	160	215	435	480	*No. 352A
No. 380	1-1/8	300	150	200	400	450	*No. 352A
No. 380A	1-3/16	285	145	190	380	425	*No. 352A
No. 381	1-1/4	275	140	180	360	410	No. 353A
No. 381A	1-5/16	260	130	170	345	390	No. 353A
No. 382	1-3/8	250	125	165	330	375	No. 353A
No. 382A	1-7/16	240	120	160	315	360	No. 353A
No. 383	1-1/2	230	115	150	300	345	No. 353A
No. 383A	1-9/16	220	110	145	290	330	No. 353A
No. 384	1-5/8	210	105	140	280	315	No. 353A
No. 384A	1-11/16	200	100	135	270	305	No. 353A
No. 385	1-3/4	195	95	130	260	295	No. 353A
No. 385A	1-13/16	185	90	125	250	280	No. 353A
No. 386	1-7/8	180	90	120	240	270	No. 353A
No. 387	2	170	85	115	230	255	No. 353A
No. 410	2-1/16	165	80	110	220	245	No. 353A
No. 388	2-1/8	160	80	105	210	240	No. 353A
No. 389	2-1/4	150	75	100	200	225	No. 353A
No. 389A	2-5/16	145	70	95	195	220	No. 353A
No. 390	2-3/8	140	70	95	190	220	No. 353A
No. 391	2-1/2	135	65	90	180	205	No. 353A
No. 412	2-9/16	130	65	85	175	200	No. 353A
No. 392	2-5/8	130	65	85	170	195	No. 353A
No. 393	2-3/4	125	60	80	160	185	No. 353A
No. 394	2-7/8	120	60	80	160	180	No. 353A
No. 395	3	115	55	75	150	170	No. 353A
No. 396	3-1/8	110	55	70	140	165	No. 353A
No. 397	3-1/4	105	50	70	140	155	No. 353A
No. 398	3-3/8	100	50	65	130	150	No. 353A
No. 402	3-1/2	95	45	65	130	145	No. 350B
No. 403	3-5/8	95	45	60	120	140	No. 350B
No. 404	3-3/4	90	45	60	120	135	No. 350B
No. 405	3-7/8	90	45	60	120	135	No. 350B
No. 415	4	85	40	55	110	130	No. 350B
No. 417	4-1/8	80	40	55	110	120	No. 350B
No. 418	4-1/4	80	40	55	110	120	No. 350B
No. 411	4-3/8	80	40	50	100	120	No. 350B
No. 413	4-1/2	75	35	50	100	105	No. 350B
No. 414	4-9/16	75	35	50	100	105	No. 350B
No. 431	4-5/8	70	35	45	95	95	No. 350B
No. 416	4-3/4	70	35	45	95	95	No. 350B
No. 433	5	65	30	45	90	90	No. 350B
No. 435	5-1/2	60	25	40	85	85	No. 350B
No. 437	6	55	25	35	75	75	No. 350B

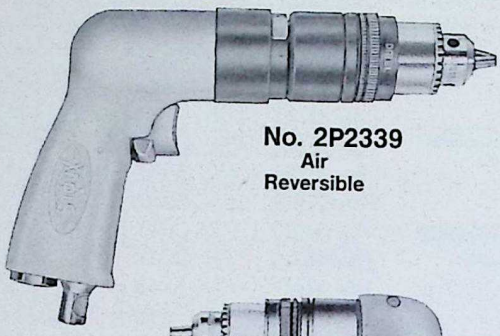
*Use 351B Arbor for 1/4" Electric Drills where 352A Arbor is shown.

Air & Electric Hammer Drills



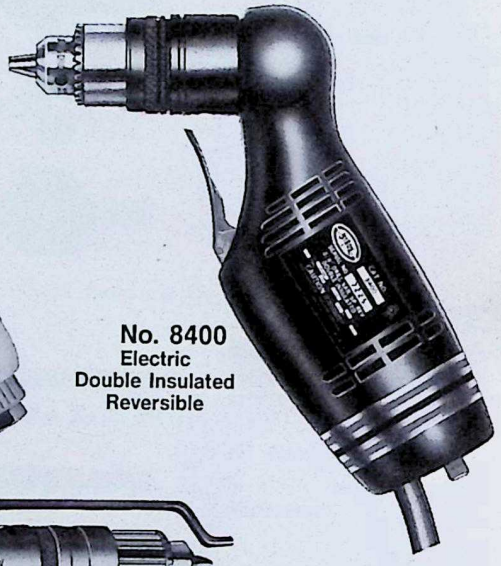
No. 3T1680
Air
Non-reversible

No. 3P1680
Air
Non-reversible

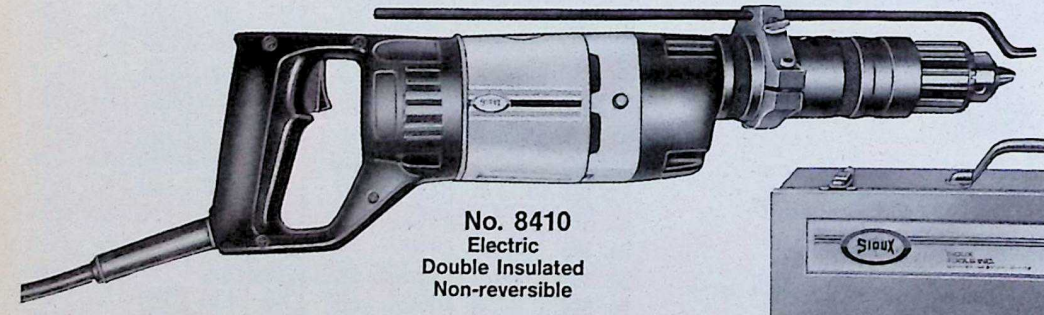


No. 2P2339
Air
Reversible

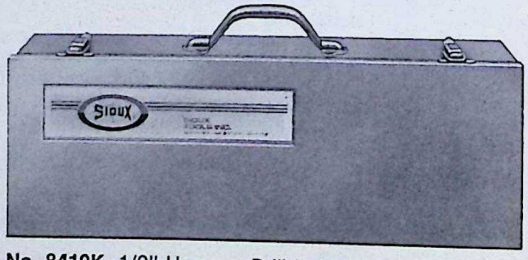
No. 2S2338
Air
Reversible



No. 8400
Electric
Double Insulated
Reversible



No. 8410
Electric
Double Insulated
Non-reversible

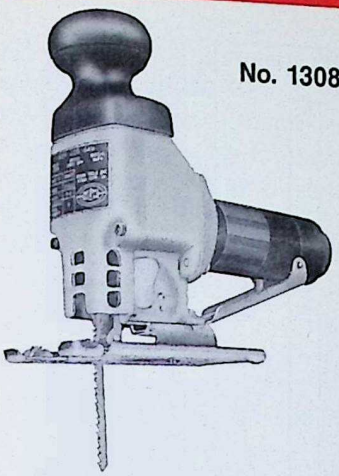


- Durable SIOUX construction
- 3/8" and 1/2" chuck capacity

No. 8410K–1/2" Hammer Drill in Metal Carrying Case
No. 331–Metal Carrying Case only

Handle	R.P.M. No Load	Chuck Size	Cat. No.	Impacts Per Minute	Side To Center Ins.	Spindle Thread	Hose Size or Electrical	Min. Hose Size or Amp. Rating	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	H.P.
Pistol	2650	1/2"	**3P1680**	21,200	1-1/32	1/2"-20	1/4"PT	3/8"	12	7-6	1
T Handle	2650	1/2"	**3T1680**	21,200	1-1/32	1/2"-20	1/4"PT	3/8"	35	10-10	1
All Angle	2200	3/8"	**2S2338**	44,000	13/16	3/8"-24	1/4"PT	1/4"	5-1/2	3-4	.33
Pistol	2500	3/8"	**2P2339**	50,000	29/32	3/8"-24	1/4"PT	3/8"	8-1/4	4-0	.75
All Angle	1300	3/8"	**8400**	26,000	1	3/8"-24	115V,	3.4 Amp	10-3/4	4-10	.4
D Handle	1500	1/2"	**8410**	6000	1-5/8	1/2"-20	115V	5 Amp	19	9-12	.5

Air and Electric Reciprocating Saws

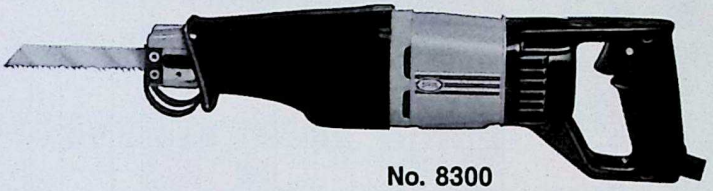


No. 1308

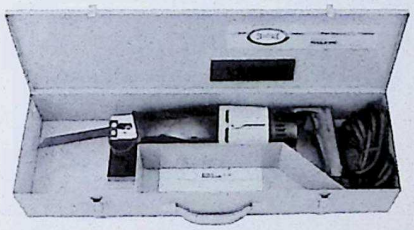
- Adjustable orbital blade action
- Universal blade retention system
- Variable speed control
- Rear exhaust
- Remote exhaust
- Adjustable air exhaust to clear cut line

- Low vibration
- Excellent balance
- Variable speed
- Ball and needle bearings throughout
- Double insulated

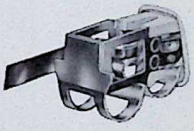
No. 1300
Air



No. 8300
Electric



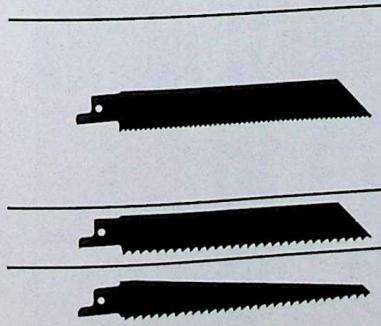
No. 8300K
No. 1300K
Either saw in Metal Carrying Case



No. 8305—Flush Cut Attachment. Used to cut flush against walls and other obstructions. Adapts for right or left hand cuts. Fits SIOUX-PER saw.

Cat. No.	Stroke	Strokes Per Min.	Amps	Volts	Hose Conn.	Length Ins.	Weight Lbs. Oz.
1300	5/8"	1800	—	—	1/4"PT	17-1/8	7-13
1308	1"	2400	—	—	1/4"PT	9-1/2 Height 7-3/4	3-15
8300	5/8"	0-2500	5	115	—	17-1/8	7
8300J	5/8"	0-2500	2.5	230	—	17-1/8	7

Blades



Cat. No.	Length Ins.	Teeth Per Inch	Cutting Recommendations
1815	6	10	Metals, hard rubber, fiber over 1/4" thick
1810	6	14	Metals over 1/8" thick
1813	4	14	Metals 1/8" thick or less
1811	6	18	Metals 1/8" thick or less
1812	4	18	Metals over 1/8" thick
1814	6	24	Metals lighter than 18 gauge
1816	6	6	Roughing-in on wood composition and non-ferrous metals
1817	6	10	
1818	6	6	Roughing-in
1819	12	6	Pruning and light to medium sections

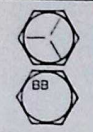
All Blades available in packages of 10 only.

This table is to be used only as a guide. The values given are the maximum that should be used.

The torque values are proposed standard torque values for industrial metal fasteners.

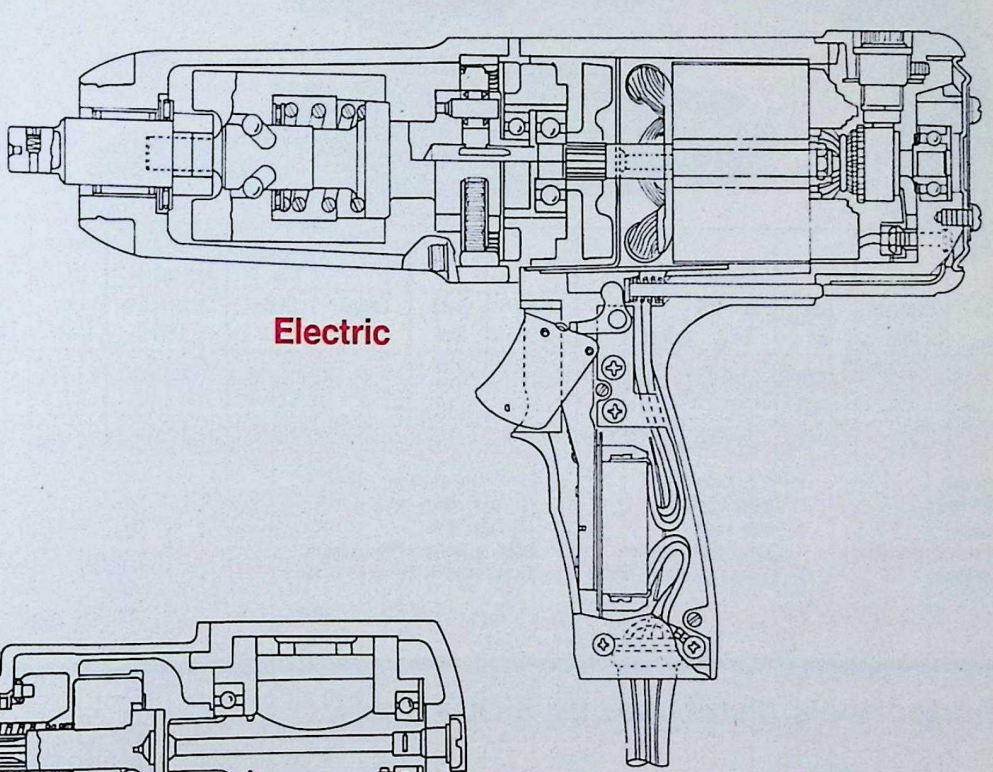
The values given are the maximum that should be used, and are 60% to 70% of the lowest failing torque of any of the test group.

The tension achieved from any torque is directly related to the friction occurring during the fastening process. The greater the friction the less the resulting tension.

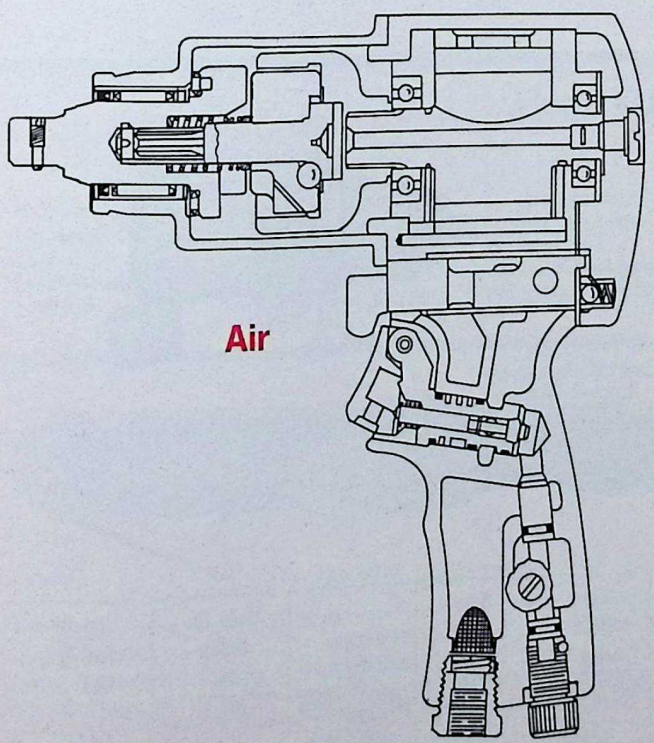
Bolt Head	Bolt Grade	Bolt Diameter, Inches		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8
		Hex Size, Inches	Max.	1/2	19/32	11/16	25/32	7/8	31/32	1-1/16	1-1/4	1-7/16	1-5/8	1-3/16	2	2-3/16
			Min.	3/8	15/32	9/16	21/32	3/4	27/32	15/16	1-1/8	1-5/16	1-1/2	1-11/16	1-7/8	2-1/8
	Grade 2	Torque	ft.-lbs.	6	11	19	30	45	66	93	150	202	300	474	659	884
		Sioux Wrench Recommended			4073	4073	100 4034 4073	100 4034	100 4034	100 4034 4036	100 4034 4036	4036 4038	4038	4038 482	4038 482	482 4055
		Tension	lbs.	1437	2111	3034	4106	5389	7032	8910	11,976	13,824	17,964	25,230	31,569	38,498
	Grade 5 and Grade BB ASTM-A354	Torque	ft.-lbs.	9	18	31	50	75	110	150	250	378	583	782	1097	1461
		Sioux Wrench Recommended			4073	4073	100 4034 4073	100 4034	100 4034	100 4034 4036	4036 4038	482 4038	482 4038	482 4055	4055	4055
		Tension	lbs.	2155	3455	4950	6843	8982	11,720	14,371	19,960	25,868	34,910	41,623	52,551	63,625
	ASTM-A325	Torque	ft.-lbs.					100		200	355	525	790	1060	1495	1960
		Sioux Wrench Recommended						100 4034		4036 4038	482 4038	482 4038	482 4055	482 4055	4055	4055
		Tension	lbs.					11,976		19,162	28,343	35,928	47,305	56,420	71,617	85,357
	Grade BC ASTM-A354	Torque	ft.-lbs.	11	20	34	54	81	119	167	269	427	644	1002	1392	1868
		Sioux Wrench Recommended		4073	4073	4073	100 4034	100 4034	100 4034 4036	100 4034 4036	482 4038	482 4038	482 4038	482 4055	4055	4055
		Tension	lbs.	2635	3838	5429	7391	9700	12,679	16,000	21,477	29,221	38,563	53,333	66,682	81,350
	Grade 8 ASTM-A354 Grade BD	Torque	ft.-lbs.	13	28	46	75	115	165	225	370	591	893	1410	1964	2633
		Sioux Wrench Recommended		4073	4073	4073	100 4034	100 4034	100 4034 4036	4036 4038	482 4038	482 4038	482	4055	4055	
		Tension	lbs.	3114	5374	7345	10,265	13,772	17,580	21,557	29,541	40,445	53,473	75,050	94,083	114,665
	ASTM-A490	Torque	ft.-lbs.			55	90	138	198	270	444	709	1071	1692	2360	3159
		Sioux Wrench Recommended				100 4034 4073	100 4034	100 4034	100 4034 4036	4036 4038	482 4038	482 4038	482 4055	4055		
		Tension	lbs.			8782	12,318	16,527	21,097	25,868	35,449	48,520	64,132	90,060	113,053	137,572

Impact Wrenches

- More speed–1350 impacts under maximum load
- More power–by 10%
- More endurance–tough impact mechanism
- Light weight–easy to handle
- Lower air consumption–for energy conservation
- Reversible
- Quiet–noise level under 90 dB when impacting for maximum load

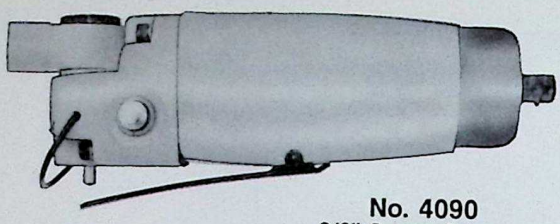


Electric

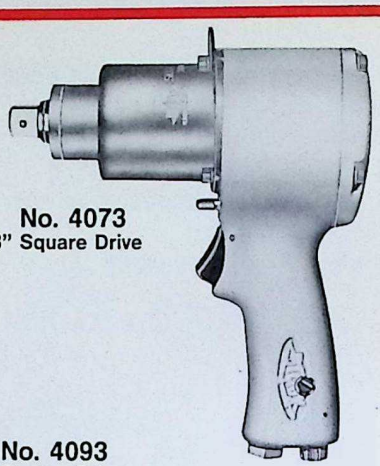


Air

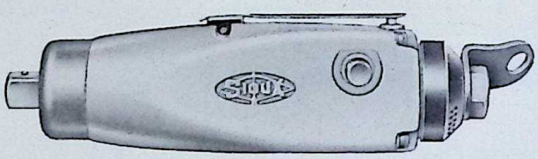
Impact Wrenches
3/8" square drive



No. 4090
3/8" Square Drive



No. 4073
3/8" Square Drive



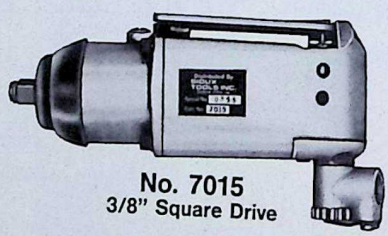
No. 4093
3/8" Square Drive

Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
3/8 Sq.	3/8	4073	10,000	1600	1/4"PT	5/16"	5	13/16	2-1/2	60	3	1, 10
3/8 Sq.	3/8	4090	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 4, 10
3/8 Sq.	3/8	4093	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 10

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension
6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer
11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

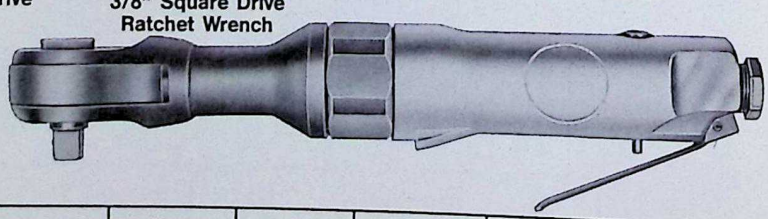
Imported tools distributed by SIOUX Tools.

No. 7005
3/8" Square Drive



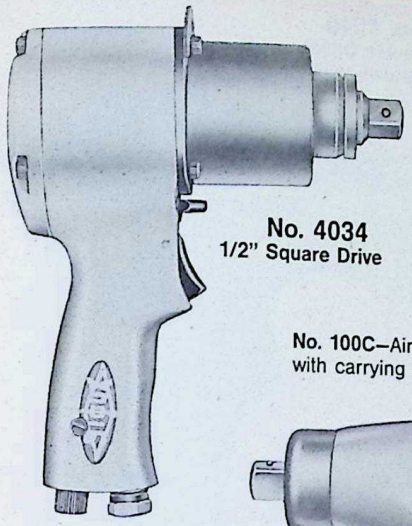
No. 7015
3/8" Square Drive

No. 7010
3/8" Square Drive
Ratchet Wrench



Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7005	3/8	3/8	10,000	1/4"PT	3/8	5-1/2	1	2-14
7010	3/8	5/16	150	1/4"PT	3/8	10-3/8	—	2-10
7015	3/8	7/16	8690	1/4"PT	3/8	6-1/2	1	2-6

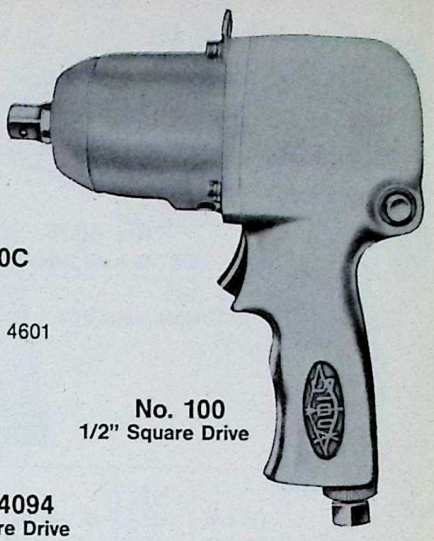
Impact wrenches
1/2" square drive



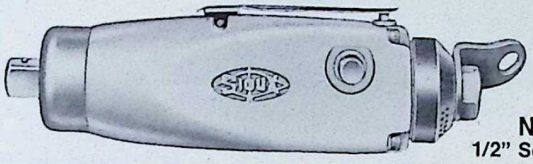
No. 4034
1/2" Square Drive

No. 100C

No. 100C—Air Impact Wrench No. 100 and socket set No. 4601 with carrying case No. 328



No. 100
1/2" Square Drive



No. 4094
1/2" Square Drive

Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
1/2 Sq.	5/8	100	5500	1350	1/4"PT	3/8"	7-5/16	1-7/16	3-1/2	200	5-8	1, 10
1/2 Sq.	5/8	100E	5500	1350	1/4"PT	3/8"	7-5/16	1-7/16	3-1/2	200	5-8	1, 9
1/2 Sq.	5/8	100F	5500	1350	1/4"PT	3/8"	10-5/16	1-7/16	3-1/2	180	5-14	1, 5, 10
1/2 Sq.	5/8	100FE	5500	1350	1/4"PT	3/8"	10-5/16	1-7/16	3-1/2	180	5-14	1, 5, 9
1/2 Sq.	5/8	4034	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	210	6-4	1, 10
1/2 Sq.	5/8	4034B	6000	1470	1/4"PT	3/8"	10-3/8	1-3/8	4	190	6-6	1, 5, 10
1/2 Sq.	5/8	4034C	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	210	6-4	1, 9
1/2 Sq.	5/8	4034D	6000	1470	1/4"PT	3/8"	10-3/8	1-3/8	4	190	6-6	1, 5, 9
1/2 Sq.	5/8	4034F	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	210	6-6	1, 11
1/2 Sq.	3/8	4074	10,000	1600	1/4"PT	5/16"	5	13/16	2-1/2	60	3	1, 10
1/2 Sq.	3/8	4091	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 4, 10
1/2 Sq.	3/8	4094	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 10

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension
6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer
11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

An imported tool distributed by SIOUX Tools.

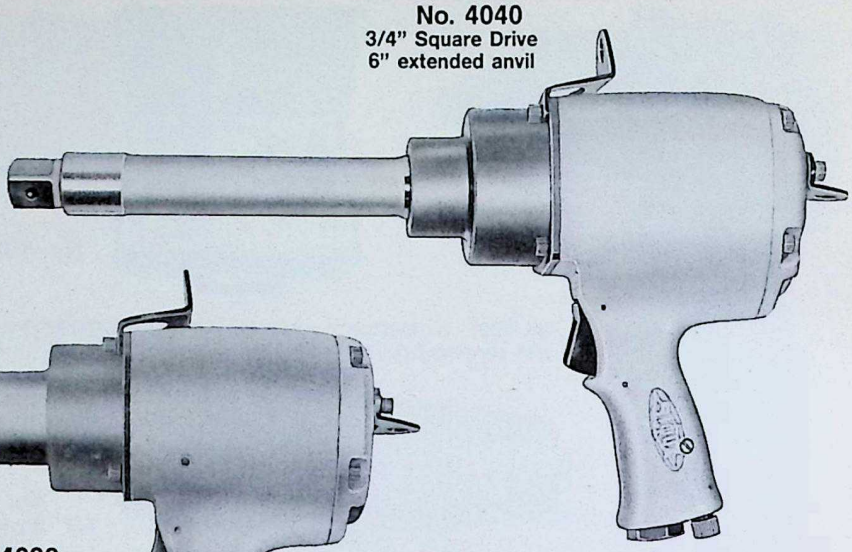
No. 7000

No. 7000—1/2-inch square drive impact wrench.

Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7000	1/2	5/8	6700	1/4"PT	3/8	7-1/2	1-3/8	5-14

Impact wrenches
5/8", 3/4" square drive

No. 4036
5/8" Square Drive



No. 4040
3/4" Square Drive
6" extended anvil

No. 4038
3/4" Square Drive

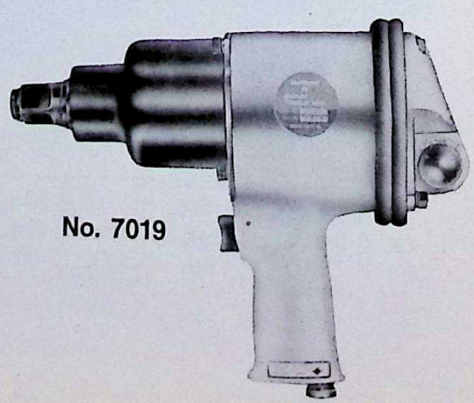
Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
5/8 Sq.	5/8	4036	6500	1500	1/4"PT	3/8"	7-3/8	1-3/8	4	275	6-10	1, 10
5/8 Sq.	5/8	4036B	6500	1500	1/4"PT	3/8"	10-3/8	1-3/8	4	250	6-10	1, 5, 10
5/8 Hex	5/8	4036D	6500	1500	1/4"PT	3/8"	7-3/4	1-3/8	4	210	6-6	1, 12
3/4 Sq.	3/4	4038	4500	960	3/8"PT	1/2"	9-1/4	1-3/4	9	850	12-6	1, 10
3/4 Sq.	3/4	4039	4500	960	3/8"PT	1/2"	9-1/4	1-3/4	9	850	12-6	1, 9
3/4 Sq.	3/4	4040	4500	1000	3/8"PT	1/2"	15-1/4	1-3/4	9	850	12-6	1, 6, 10

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension
6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer
11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

An imported tool distributed by SIOUX Tools.

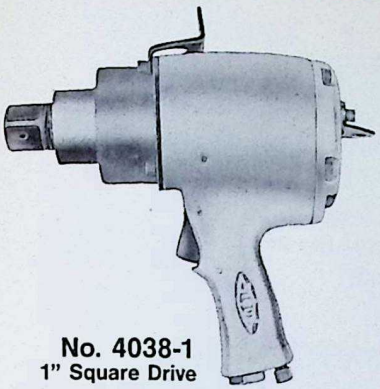
No. 7019—3/4-inch square drive impact wrench.

Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7019	3/4	5/8	4700	1/4	1/2	10-1/2	1-5/8	9-8

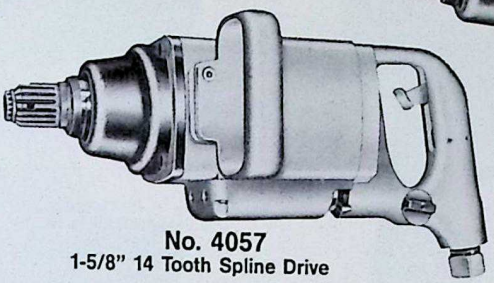


No. 7019

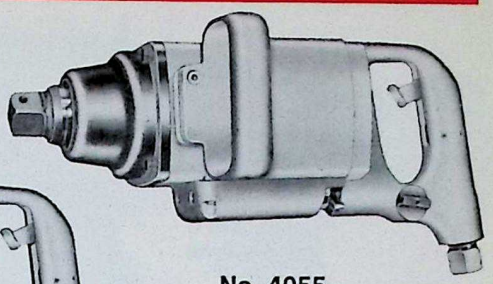
Impact wrenches
1" square drive, 1-5/8" spline drive



No. 4038-1
1" Square Drive



No. 4057
1-5/8" 14 Tooth Spline Drive

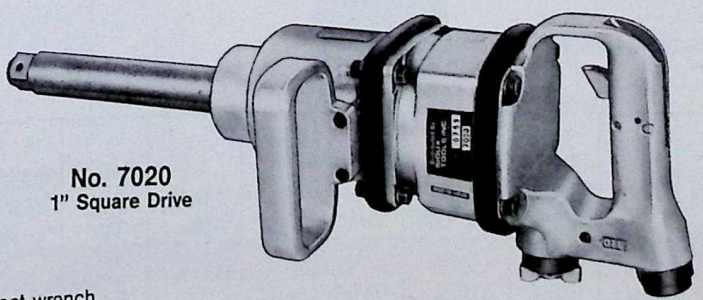


No. 4055
1" Square Drive, Inside Trigger

Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs.	See Foot Notes
3/4 Sq.	3/4	4038-1	4500	960	3/8"PT	1/2"	9-1/4	1-3/4	9	850	12-6	1, 10
1 Sq.	1-3/8	4055	4500	1000	1/2"PT	3/4"	15-3/4	2-5/16	25	1500	26	3, 8, 10
1 Sq.	1-3/8	4056	4500	1000	1/2"PT	3/4"	21-3/4	2-5/16	25	1500	30	3, 6, 8, 10
1-5/8 Spl.	1-3/8	4057	4500	1000	1/2"PT	3/4"	16-1/2	2-5/16	25	1500	26	3, 8, 9, 13
1 Sq.	1-3/8	4058	4500	1000	1/2"PT	3/4"	15-3/4	2-5/16	25	1500	26	3, 7, 10
1 Sq.	1-3/8	4059	4500	1000	1/2"PT	3/4"	21-3/4	2-5/16	25	1500	30	3, 6, 7, 10
1-5/8 Spl.	1-3/8	4060	4500	1000	1/2"PT	3/4"	16-1/2	2-5/16	25	1500	26	3, 7, 9, 13

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension
6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer
11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

An imported tool distributed by SIOUX Tools.



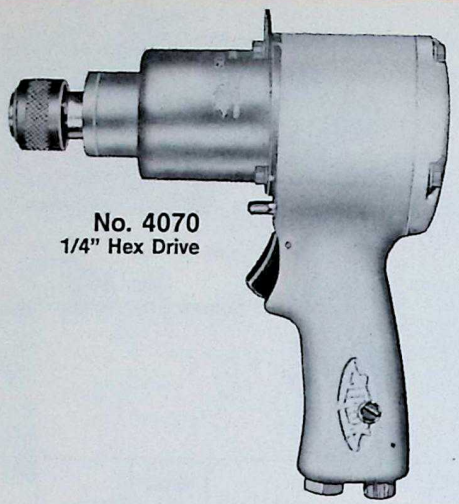
No. 7020
1" Square Drive

No. 7020—1-inch square drive impact wrench

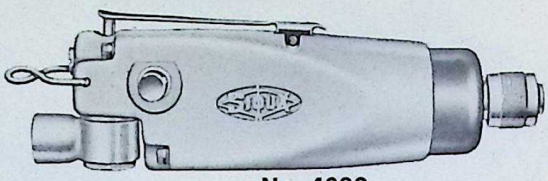
Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7020	1	7/8	4700	1/2	3/4	23-3/4	2-1/4	28-15

Impact Screwdrivers

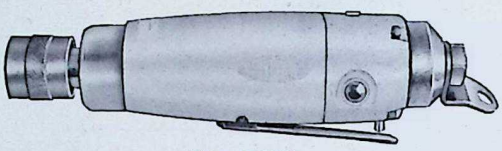
1/4" and 7/16" hex drive, 7/16" quick change



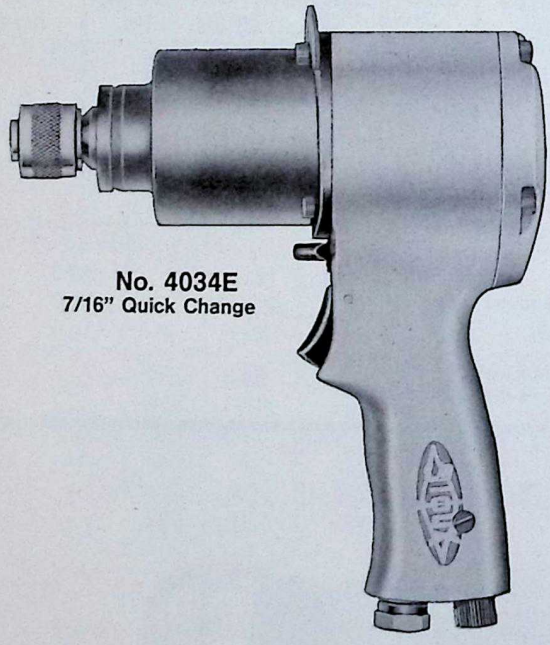
No. 4070
1/4" Hex Drive



No. 4092
1/4" Hex Drive



No. 4096
7/16" Hex Drive



No. 4034E
7/16" Quick Change

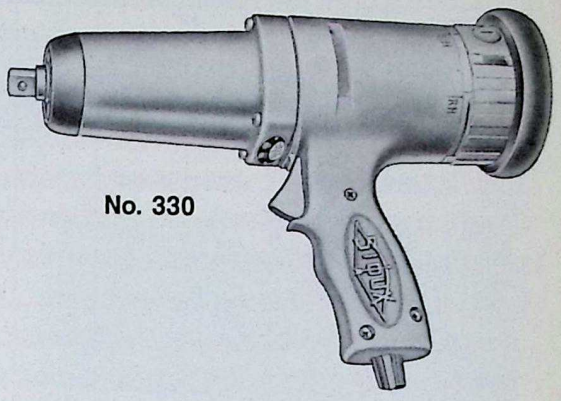
No. 4071
7/16" Hex Drive

Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
1/4 Hex	5/16	4070	10,000	1600	1/4"PT	5/16"	6-1/8	13/16	2-1/2	35	3	1, 12
1/4 Hex	5/16	4092	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	35	2-8	2, 4, 12
1/4 Hex	5/16	4095	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	35	2-8	2, 12
7/16 Hex	3/8	4071	10,000	1600	1/4"PT	5/16"	6-1/8	13/16	2-1/2	55	3-2	1, 12
7/16 Hex	3/8	4096	10,000	1600	1/4"PT	5/16"	7	13/16	2-1/2	55	3-2	2, 12
7/16 Hex	5/8	4034E	6000	1470	1/4"PT	3/8"	7-1/2	1-3/8	4	165	6-4	1, 12

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension
6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer
11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

Electric Impact Wrenches
7/16" Hex, 1/2" square, 5/8" square, 5/8" hex

No. 336



No. 330

- A size and power for every application
- Reversible—equal power either rotation

Drive Ins.	Bolt Capacity Ins.	Cat. No.	Speed No Load R.P.M.	Impacts Load Max. Load	Volts	Amps	Length Ins.	Side to Center Ins.	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
7/16 Hex	5/8	**336**	2000	1600	115	5.2	12	1-1/2	90	7-10	1, 3
7/16 Hex	5/8	**336J**	2000	1600	230	2.6	12	1-1/2	90	7-10	1, 3
5/8 Hex	5/8	**338**	2000	1600	115	5.2	12	1-1/2	90	7-10	1, 3
5/8 Hex	5/8	**338J**	2000	1600	230	2.6	12	1-1/2	90	7-10	1, 3
1/2 Sq	5/8	**330**	2000	1600	115	5.2	11-1/2	1-1/2	130	7-10	1, 2
1/2 Sq	5/8	**330J**	2000	1600	230	2.6	11-1/2	1-1/2	130	7-10	1, 2
5/8 Sq	5/8	**335**	2000	1600	115	5.2	11-1/2	1-1/2	140	7-10	1, 2
5/8 Sq	5/8	**335J**	2000	1600	230	2.6	11-1/2	1-1/2	140	7-10	1, 2

1—Pistol Grip
2—Retaining Pin Socket Retainer
3—Quick-Change Chuck
Tested on Skidmore-Wilhelm Tester

No. 330C

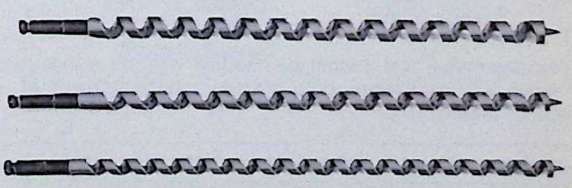
Electric Impact Wrench Sets

No. 330-C—Includes 1—No. 330 Impact Wrench, 1—No. 4601 Socket Set in No. 328 Metal Carrying Case.

No. 330-JC—Includes 1—No. 330-J Impact Wrench, 1—No. 4601 Socket Set in No. 328 Metal Carrying Case.

No. 328—Metal Carrying Case (only) 12" x 9-3/4" x 2-1/2" deep.

No. 14278—Reversing cap rubber protector optional equipment on all units.



Bits for No. 336 Wrench

1—**No. 2428**—7/16" Hex to 1/2" Square Adaptor
1—**No. 2465**—9/16" Bit 18" Long
1—**No. 2466**—11/16" Bit 18" Long
1—**No. 2467**—13/16" Bit 18" Long

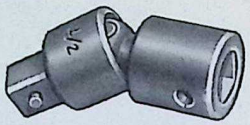
See page 76 for Keyless Jacobs Chuck to fit No. 330 Impact wrench.

Impact Wrench Sockets and Accessories

Sockets

Size Across Flats	1/4" 6 Pt. Hex Regular	1/4" 6 Pt. Hex Magnetic	3/8" 6 Pt. Hex Regular	3/8" 6 Pt. Hex Magnetic	1/2" 6 Pt. Hex Regular	5/8" 6 Pt. Hex Regular	3/4" 6 Pt. Hex Regular	1" 6 Pt. Hex Regular	#5 Spline 6 Pt. Hex Regular
	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
3/16"		2606M							
1/4"	2608	2608M							
5/16"	2610	2610M	3610	3610M					
11/32"		2611M							
3/8"	2612	2612M	3612	3612M	4612				
7/16"	2614		3614	3614M	4614				
1/2"	2616		3616		4616				
9/16"			3618		4618	5618			
5/8"			3620		4620	5620	6620		
11/16"			3622		4622				
3/4"					4624	5624	6624	8624	
13/16"					4626		6626	8626	
7/8"					4628	5628	6628	8628	
15/16"					4630	5630	6630	8630	
1"					4632	5632	6632	8632	
1-1/16"					4634		6634	8634	
1-1/8"					4636	5636	6636	8636	
1-3/16"					4638		6638	8638	
1-1/4"					4640	5640	6640	8640	5H40
1-5/16"							6642	8642	5H42
1-3/8"							6644	8644	
1-7/16"							6646	8646	5H46
1-1/2"							6648	8648	5H48
1-9/16"								8650	
1-5/8"							6652	8652	5H52
1-11/16"							6654	8654	5H54
1-3/4"								8656	
1-13/16"								8658	
1-7/8"								8660	5H60
1-15/16"								8662	
2"								8664	5H64
2-1/8"									5H68

Universal Joint



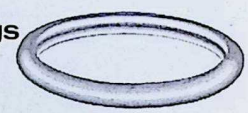
Snaps directly on the square of Impact Wrench.

No. 2751—3/8" male and female square.

Keyless Jacobs Chuck

No. 2400—1/2" Square Drive takes from 3/16" to 1/2" drill bits. For use with 1/2" Drive Air and Electric Impact Wrenches.

"O" Rings



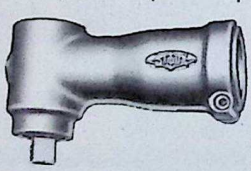
No. 14317—used on Sockets No. 2564 and 2565.

Adaptor for Insert Bits

No. 2534—3/8" Square to 5/16" Hex.

No. 2585—1/2" Square to 5/16" Hex.

Angle Attachment for Wrenches

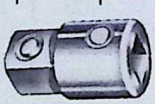


For close work that cannot be handled with the standard impact wrench. Clamps onto nose of wrench in place of rubber protector.

Cat. No.	2330	2331	2332
For Wrench No.	4073, 4090 4093	4074, 4091 4094	100, 330 4034
Male and Female Square	3/8"	1/2"	1/2"

Retainer Pins

Cat. No.	34911	34664	34665
Sockets	3/4" No. 6620-6638 No. 6826-6830 No. 6420-6426 No. 6620L-6638L No. 6246B	3/4" No. 6640-6654 No. 6640L-6652L No. 6832-6846 No. 6426BWL	All 1" No. 6426BW 3/4"
Ext. and Adapt.	No. 2564 No. 2565	All except No. 2564 No. 2565	



Socket Adaptors for all units

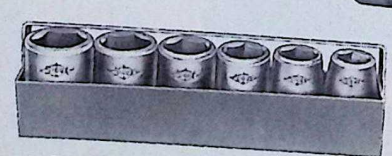
Cat. No.	2558	2559	2561	2562	2563	2564	2565	2566	2568
Female Square	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"	1"
Male Square	1/2"	3/8"	3/4"	1/2"	3/4"	1/2"	5/8"	1"	3/4"

Quick Change Chuck

Cat. No.	2520	2530
Female Square	1/2"	3/8"
Female Hex	7/16"	1/4"
Length	2-1/4"	1-13/16"

Slips directly onto the square of Impact Wrench Bits on page 75.

For all types of screwdriver bits having 7/16" or 1/4" hex shanks. The sliding sleeve locks the bit securely in place.



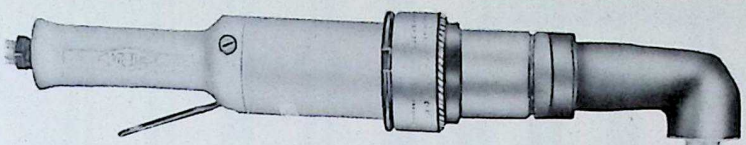
Socket Sets

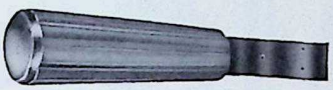
Set No.	Square Driver	These Sets in Metal Holders Includes These Sizes
3600	3/8"	3/8", 7/16", 1/2", 9/16", 5/8", 11/16"
4600	1/2"	7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
4601	1/2"	5/8", 11/16", 3/4", 13/16", 7/8", 15/16"

Woodworking Tools NEW

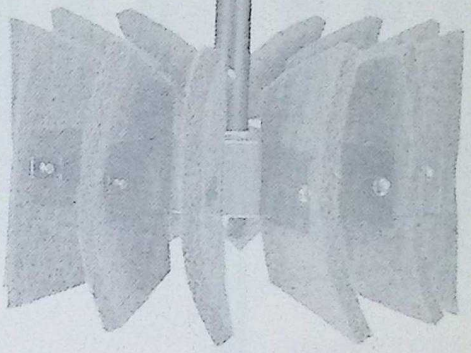
Attachments Shown Not Included

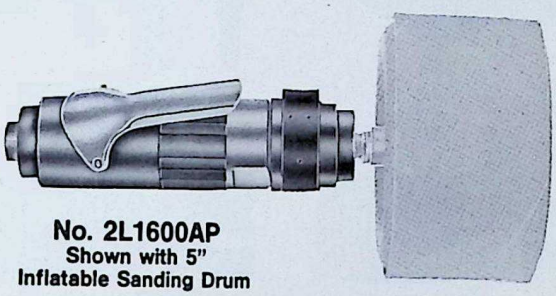
No. 3A1100
Shown with Woodgrain Filler Attachment



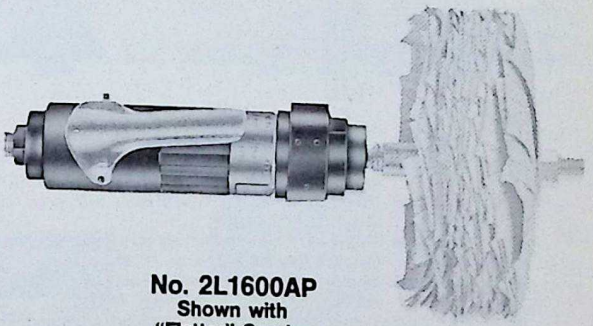


No. 2355
Optional Side Handle





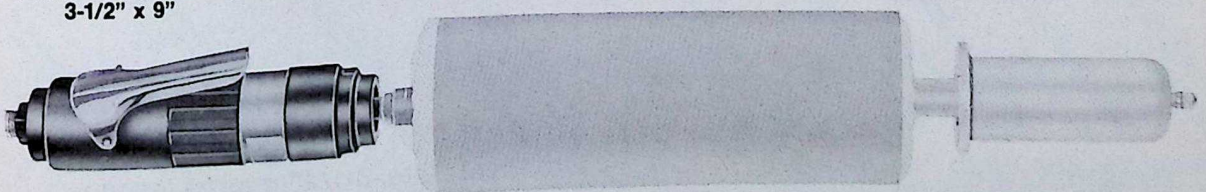
No. 2L1600AP
Shown with 5" Inflatable Sanding Drum



No. 2L1600AP
Shown with "Flatter" Sander

- For more information on SIOUX Woodworking Tools and Accessories, call 800-798-6451.
- Other SIOUX Woodworking Tools are located on pages 13, 14, 17 and 67.

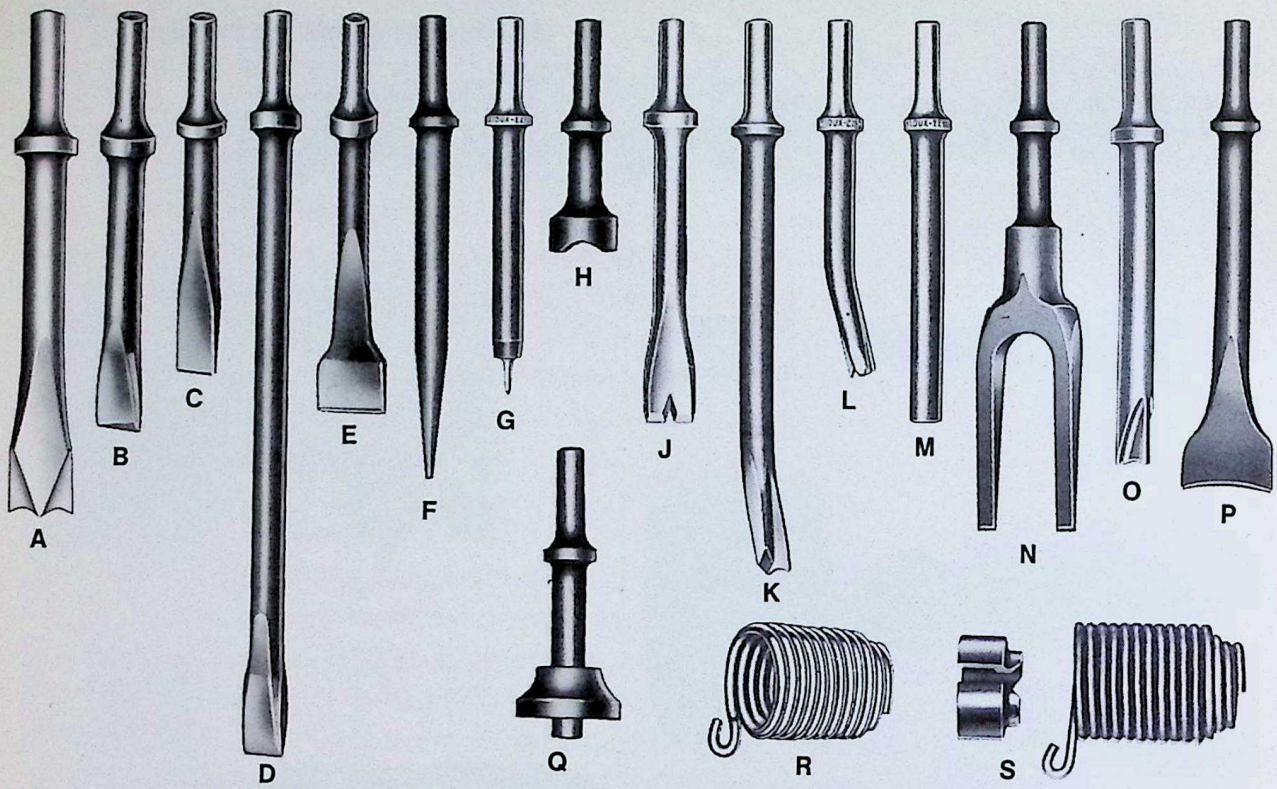
No. 2L1300AP
Shown with Inflatable Sanding Drum 3-1/2" x 9"



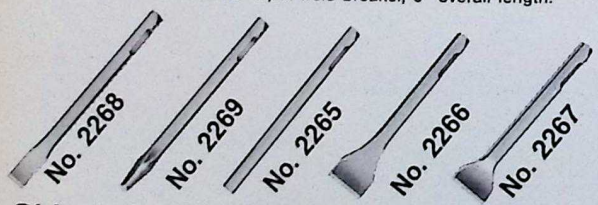
Handle		R.P.M. No Load	Cat. No.	Side To Center Inches	Spindle Thread	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Weight Tool Only Lbs. Oz.	H.P.
Lever Angle	Non-Reversible	900	2L1100AP	29/32	3/8"-24	1/4"PT	3/8"	10	2-14	.8
		1600	2L1200AP	29/32	3/8"-24	1/4"PT	3/8"	10	2-14	.8
		2600	2L1600AP	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.8
		3350	2L1300AP	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.8
		5800	2L1400AP	29/32	3/8"-24	1/4"PT	3/8"	8-7/8	2-5	.8
		360	3A1100	3/4	1/2"-20	1/4"PT	3/8"	18-1/8	7-6	1

Percussion Tool Accessories

For No. 270 Slugger–401 Parker Taper

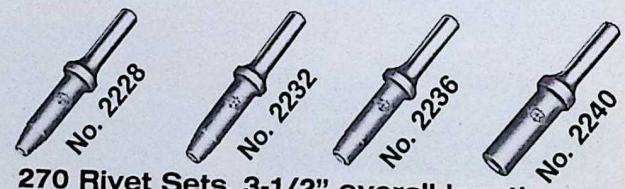


A. No. 2201–Cutter, 6" overall length.
B. No. 2202–Chisel, break spot welds, split nuts, etc., 6" overall length.
C. No. 2203–River Buster, shear all type of rivets, 5/8" wide, 5-1/2" overall length.
D. No. 2204–Extension Chisel, especially for those "hard-to-reach" places, 5/8" wide, 11" overall length.
E. No. 2205–Scraper, remove all soft deadener. Cleans the surface 1-1/4" wide, 6" overall length.
F. No. 2206–Punch, punch out rivets, perch bolts, bearing races, etc., 7" overall length.
G. No. 2210–Sheet metal punch, punch perfect holes for metal screws, 5" overall length.
H. No. 2217–Rust breaker, 1" dia., 5-1/4" overall length.
J. No. 2212–Spot weld breaker, 6" overall length.
K. No. 2213–Splitter, 8" overall length.
L. No. 2214–Edging chisel, trim and edge metal sheets, 5-1/2" overall length.
M. No. 2215–Blank chisel, 1/2" dia., 6" overall length.
N. No. 2216–Fork chisel, 6-7/8" overall length.
O. No. 2218–Bushing cutter, 7" overall length.
P. No. 2220–Bushing chisel, remove bushings, 1-5/8" wide, 7" overall length.
Q. No. 2219–Bushing driver, install bushings, 7/16" - 1-3/8" dia., 4-1/2" overall length.
R. No. 2207–Chisel retainer spring, standard chisel retainer spring.
S. No. 2208–Special spring, use No. 2208 in place of 2207 with Nos. 2201, 2205, 2216, 2217, 2219 and 2220.



Chisels for 264 Weld Flux Scalers

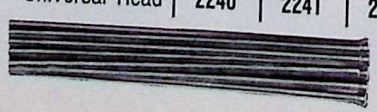
Cat. No.	Blade Width	Overall Length	Shank	Description
2265	1/2"	7"	All	chisel blank
2266	1-3/8"	6-1/2"	1/2"	wide scaling chisel
2267	1-3/8"	6-1/2"	1/2"	angle scaling chisel
2268	5/8"	7-1/2"	Quarter	narrow chisel
2269	3/16"	7-1/2"	Octagon	diamond point chisel



270 Rivet Sets, 3-1/2" overall length

Rivet Head Cupping	Rivet Diameter Size				
	3/32"	1/8"	5/32"	3/16"	1/4"
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Button Head	2228	2229	2230	2231	2244
Round Head	2232	2233	2234	2235	2245
Brazier Head	2236	2237	2238	2239	2246
Universal Head	2240	2241	2242	2243	2247

No. 2260–19 high quality shock resistant needles for Needle Scalers.



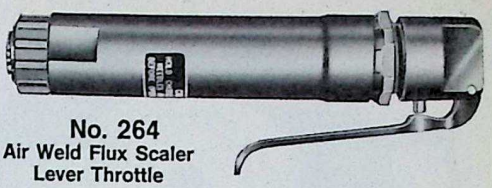
Percussion Tools

No. 270-4

No. 270-2

No. 270

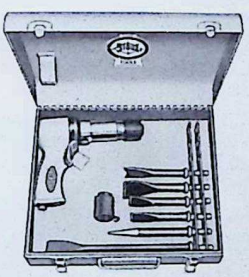
- Lightweight
- Easy to operate
- Needle scalers available with rectangular needle holder



No. 264
Air Weld Flux Scaler
Lever Throttle

- Air speed control
- Operates on 90 PSI
- Slash operator fatigue

No. 266
Needle Scaler
Lever Throttle

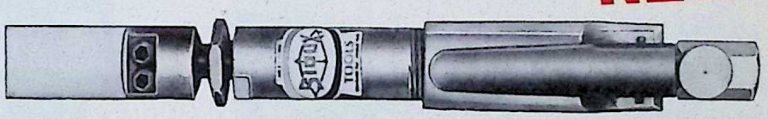


NO. 270C AIR METAL WORKING TOOL SET

No. 270C—Set includes the following:

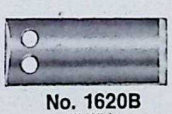
1—No. 270 Slugger
1—No. 274 Carrying Case
1—No. 2201 Cutter
1—No. 2202 Chisel
1—No. 2203 Rivet Buster
1—No. 2204 Extension Chisel
1—No. 2205 Scraper
1—No. 2206 Punch
1—No. 2208 Special Spring

NEW

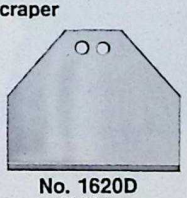


No. 1620
Gasket Scraper

Optional Blades for 1620



No. 1620B
1" Wide



No. 1620D
3" Wide

Handle	Blows Per Minute	Cat. No.	Side To Center Ins.	Bore Ins.	Stroke Ins.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Capacity
Offset	2000	270	1-1/16	9/16	3	1/4"PT	3/8"	6-3/4	3-3	3/16" steel rivet
Offset	2500	270-2	1-1/16	9/16	2	1/4"PT	3/8"	5-3/4	3-0	5/32" steel rivet
Offset	1700	270-4	1-1/16	9/16	4	1/4"PT	3/8"	7-3/4	3-8	1/4" steel rivet
Lever	4200	264	13/16	1	1-1/8	1/4"PT	3/8"	8-3/4	3-9	—
Lever	4200	266	7/8	1	1-1/8	1/4"PT	3/8"	14-3/4	5-3	—
Lever	4400	1620	5/8	—	—	1/4"PT	3/8"	9-1/2	1-8	—

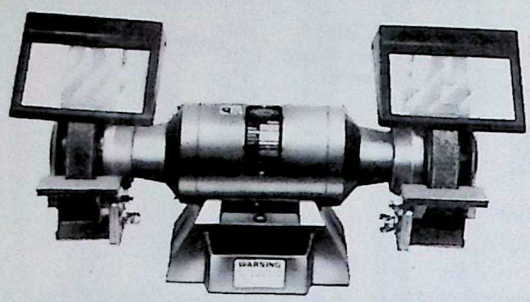
An imported tool distributed by SIOUX Tools.

Cat. No.	Blows Per Minute	Stroke Ins.	Bore Ins.	Length Ins.	Hose Conn.	Side to Center	Net Wt. Tool Only Lbs. Oz.
7050	3000	2.75	.75	7	1/4"	1.04"	3-8

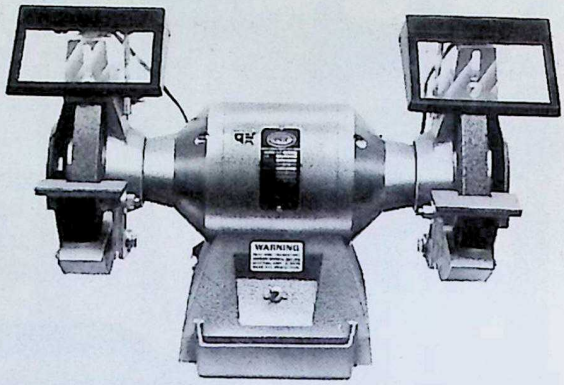
No. 7050
Slugger

- 3000 blows per minute
- Weighs only 4 pounds
- Accepts all standard .401 Parker taper chisels

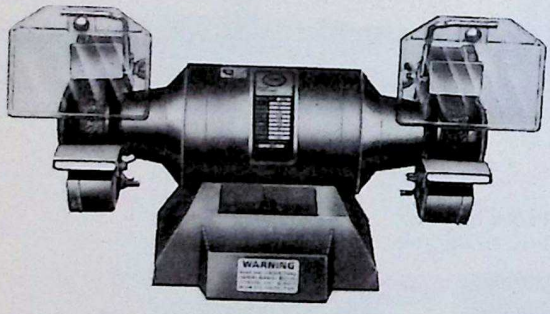
Bench Grinders



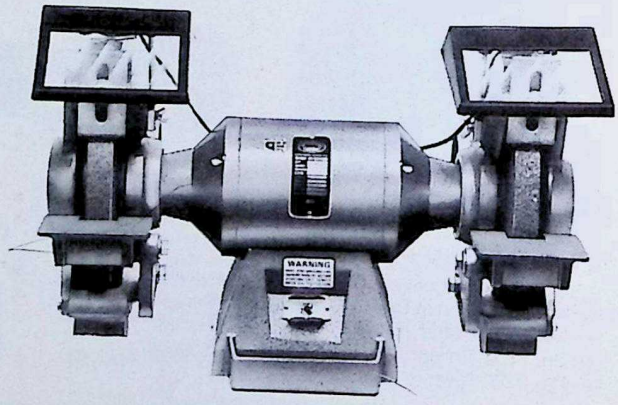
No. 2089



No. 2090



No. 2030



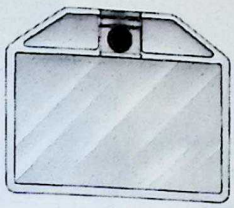
No. 2091

- Safety eye shields
- Heavy duty adjustable tool rests
- Lifetime sealed ball bearings
- Lights standard on all but No. 2030

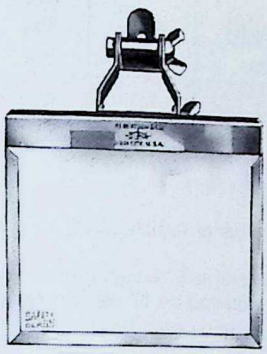
Bench Grinders

Wheel Diameter Ins.	H.P.	R.P.M. No Load	Cat. No.	Wheel		Volts	Phase	Cycle	Net Wt. Tool Only Lbs. Oz.	Length Ins.	Light Available
				Face Ins.	Hole Ins.						
6	1/4	3450	**2030**	3/4	1/2	115	1	60	27	17	No
6	1/3	3450	**2040**	3/4	1/2	115	1	60	29	17	Yes
7	1/2	3450	**2089**	1	5/8	115	1	60	37	19	Yes
8	3/4	3450	**2090**	1	3/4	115	1	60	61	20-1/4	Yes
10	1	1725	**2091**	1	3/4	115	1	60	88	23	Yes

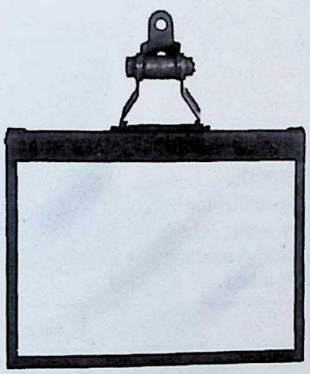
Bench Grinder Accessories



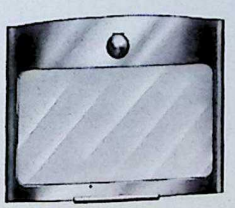
No. 2011



No. 2012



No. 2014



No. 2016

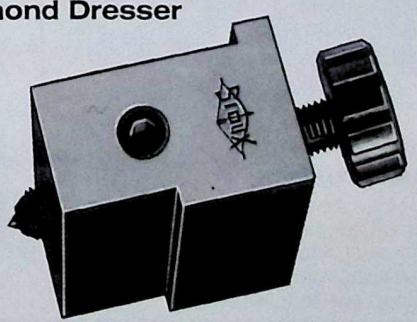
Safety Eye Shields

Cat. No.	Description	Size	Used On These SIOUX Numbers
2011	Pr. Eye Shields	—	2013, 2030, 2065, 2078
2012	Eye Shield	5" x 6"	2024, 2017
2014	Eye Shield	6" x 8"	2050
2016	Pr. Eye Shields	—	2079, 2080, 2081
2012A	Replacement Glass	—	2012
2014A	Replacement Glass	—	2014

Grinding Wheels–
Not to be used on air tools

No.	Dia.	Thick	Hole	Used With	Grit	Shape
2006	6	3/4	1/2	Grinder	36	Straight
2007	6	3/4	1/2	Grinder	46	Straight
2009	6	3/4	1/2	Grinder	60	Straight
2027	8	1	3/4	Grinder	36	Straight
2028	8	1	3/4	Grinder	46	Straight
2036	7	1	5/8	Grinder	36	Straight
2037	7	1	5/8	Grinder	46	Straight
2051	10	1	3/4	Grinder	46	Straight
2052	10	1	3/4	Grinder	24	Straight

Diamond Dresser

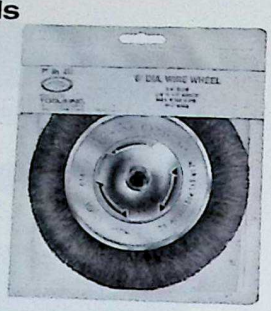


Diamond Point **No. 1715** held in block for dressing wheels on all bench grinders. Gives a high accurate finish.

No. 2043–Complete Diamond Dresser with diamond and block holder.

No. 2043A–Block Holder only, less diamond.

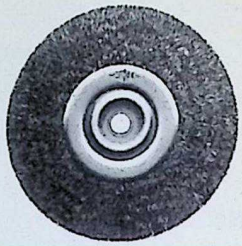
Circular Wire Wheels



If arbor hole other than standard is required suffix size or number below—packed one to a box.

Cat. No.	Diameter Ins.	Width Ins.	Wire Size Ins.	Std. Arbor Ins.
449	4	1	.012	1/2
451	6	3/4	.014	1/2
451A	6	3/4	.012	1/2
452	8	1-1/2	.010	5/8
453	10	2	.010	3/4
454	12	2	.012	1-1/4
455	7	1	.014	5/8

Circular Sectional Wire Wheels



Packed one to a box.

Cat. No.	Diameter Ins.	Width Ins.	Wire Size Ins.	Std. Arbor Ins.
444	4	3/8	.010	1/2
446*	6	3/8	.012	1/2

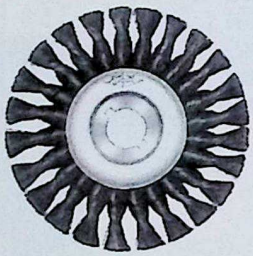
Applications:

No. 444—Portable tool or flexible shaft, for light brushing work.

No. 446—Portable tool or 6" bench grinder where several sections may be mounted on 6" bench grinder.

*Has removable insert for 5/8" hole.

SIOUX Wire Wheels

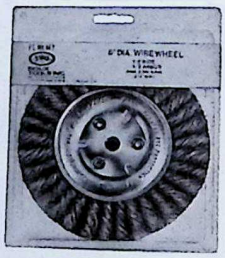


Designed for SIOUX 561 and 561A Quick Change Adapter. Knotted type.

Packed one to a box.

No.	Diameter Ins.	Wire Size Ins.	Std. Arbor Ins.
462 Quick Change	6	.016	1
463 Quick Change	7	.016	1
464 Quick Change	8	.016	1

Knot Type Wire Wheels



High brush flexibility, for cleaning heavy scale, rubber deposits, welding preparation.

Packed one to a box.

Cat. No.	Diameter Ins.	Width Ins.	Wire Size Ins.	Std. Arbor Ins.
447	6	1/2	.014	1/2
448	4	1/2	.014	1/2
458	6	1/2	.012	5/8
459	6	1/2	.014	5/8
460	7	5/8	.012	5/8
461	8	5/8	.012	5/8

Cup or Torque Brushes

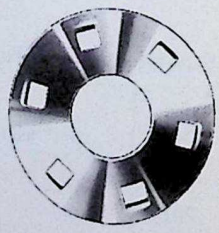
These torque or cup shape brushes are for body repair, removing paint, scale or corrosion, cleaning welded joints, etc. Packed one to a box.

Cat. No.	Size Dia.	Wire Size	Std. Arbor
*457	3-1/2"	.020	5/8"-11 thd.
*823	5-3/4"	.020	5/8"-11 thd.
829	3-1/2"	.020	5/8"-11 thd.
*833	5-3/4"	.014	5/8"-11 thd.

Use No. 948 to convert 3/8"-16 spindle to 5/8"-11 spindle.

*Knot type

Adaptors for SIOUX Wire Wheel Brushes



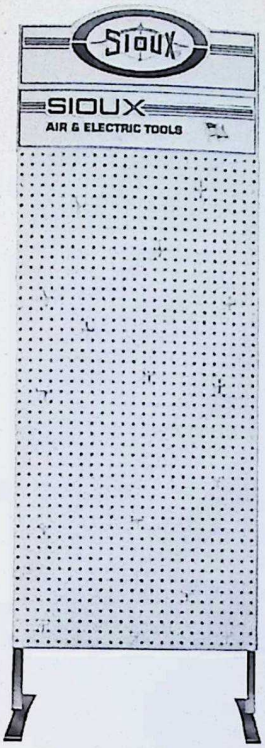
Cat. No. 451, No. 451A and No. 455 wire brushes can only be supplied with adaptor with 1/2" hole thru 1" hole. No. 452, No. 453 and No. 454 can be supplied with adaptor with holes in all sizes listed below.

Adaptor No. 419—1/2" Hole
Adaptor No. 422—5/8" Hole
Adaptor No. 423—3/4" Hole
Adaptor No. 424—7/8" Hole
Adaptor No. 425—1" Hole
Adaptor No. 426—1-1/8" Hole
Adaptor No. 427—1-1/4" Hole

For No. 449

Adaptor No. 421 . . . . . 1/2" Hole
Adaptor No. 421A . . . . . 5/8" Hole

Distributor Aids

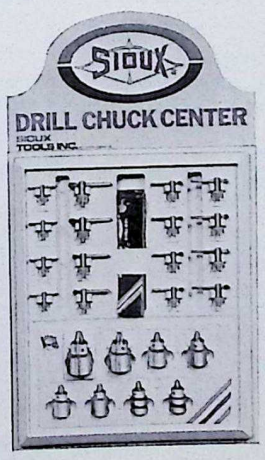


No. 3050—A pegboard display that comes complete with an assortment of hooks and header cards. Can be hung from your wall or can be set up on metal legs which are included.

A new videotape about SIOUX Assembly Tools. Included on this tape are the SIOUX No. 1 Series, 2-1/2 Series, 3 Series, and the exclusive SIOUX "2S" Series. A very helpful teaching and training aid.

No. 010—SIOUX Assembly Tools, 1/2" VHS tape.
No. 011—SIOUX Assembly Tools, 1/2" Beta tape.
No. 012—SIOUX Assembly Tools, 3/4" tape.
No. 021—SIOUX Sanders, Grinders, Polishers, 1/2" VHS tape.
No. 022—SIOUX Sanders, Grinders, Polishers, 1/2" Beta tape.
No. 023—SIOUX Sanders, Grinders, Polisher, 3/4" tape

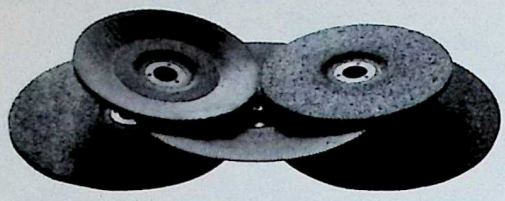
No. 2200—Fourteen of the most popular slugger accessories in a display case. It also contains 2 regular retainer springs and 2 special springs. Included are 2 No. 2201 Cutters, 2 No. 2202 Chisels, 2 No. 2203 Rivet Busters, 2 No. 2204 Extension Chisels, 1 No. 2205 Scraper, 1 No. 2206 Punch, 2 No. 2207 Standard Springs, 2 No. 2208 Special Springs, 1 No. 2212 Spot Weld Breaker, 1 No. 2213 Muffler Splitter, and 2 No. 2214 Edging Chisels.



No. 2000—Drill Chuck Center. A display for replacement chucks for SIOUX drills. Contains the following chucks: 2 No. 21116, 1 No. 21077, 2 No. 21129, 1 No. 21085 and 1 No. 21137. Also the following keys: 4 No. 30002, 4 No. 30000, 4 No. 30262, 2 No. 30231, 2 No. 30011. A very attractive display in yellow plastic with two holes in the back for mounting and an easel for standing on a counter.

No. 370—Twenty of our most popular sizes of Hole Saws in a display case. Keep the display stocked or sell it as a set. Includes No. 351-B Arbor, No. 353-A Arbor and No. 438 Bushing, and these Hole Saws: No. 375-5/8", 377-3/4", 378-7/8", 379-1", 380-1-1/8", 381-1-1/4", 382-1-3/8", 383-1-1/2", 384-1-5/8", 385-1-3/4", 386-1-7/8", 387-2", 388-2-1/8", 389-2-1/4", 390-2-3/8", 391-2-1/2", 395-3", 402-3-1/2", 415-4", and 418-4-1/4"

Depressed Center Grinding Wheels



SIOUX Reinforced Depressed Center Wheels have been developed for the fastest economical stock removal on all metals. Rigid Depressed Center Wheels are lighter and more maneuverable than flared cup wheels. **MINIMUM 5 TO A PACKAGE.**

Wheels Available by Cat. Number		Cat. No.	Grain	Grade	Grit	Hole	Diameter	Thickness	R.P.M.
7/8" Smooth Hole	Type 27	2004	X	R	24	7/8"	4-1/2"	1/4"	12,000
		2005	X	R	24	7/8"	5"	1/4"	10,850
		304XR24	X	R	24	3/8"	3"	1/4"	18,000
		404XR24	X	R	24	3/8"	4"	1/4"	13,500
		704XR24	X	R	24	7/8"	7"	1/4"	7,000
		704XR24K	X	R	24	5/8"-11	7"	1/4"	7,000
		904XR24	X	R	24	7/8"	9"	1/4"	6,000
		904XR24K	X	R	24	5/8"-11	9"	1/4"	6,000
Thread	Type 28	754XR24K	X	R	24	5/8"-11	7"	1/4"	7,000
		954XR24K	X	R	24	5/8"-11	9"	1/4"	6,000

R—Indicates fast cutting general purpose wheel

X—Made of Aluminum Oxide Grain

- Suffix K represents 5/8"-11 built-in threaded hub.

SIOUX Reinforced Depressed Center Wheels have been developed for the fastest economical stock removal on all metals. Rigid Depressed Center Wheels are lighter and more maneuverable than flared cup wheels. **MINIMUM 5 TO A PACKAGE.**

Flared Cup Wheels Available

Dia.	*"W" Dim.	Grain (1)	Grade (2)	Grit	Drive (3)
5	25	X or C	R	16	T
5	25	X	R	24	T
6	25	X or C	R	16	T
6	25	X	R	24	T

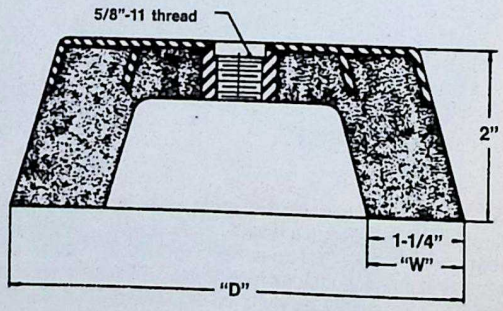
*"W" equals 1-1/4" of cup sidewall.

Example of how to order—select desired specification from each column; left to right:

Example: 625XR16T

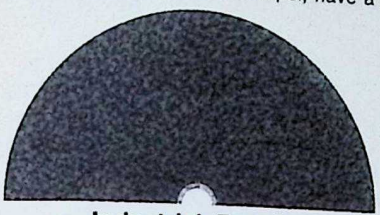
(1) Use Aluminum Oxide (X) for: Steel, Welds, Snagging and Malleable Iron. Use Silicone Carbide (C) for: Cast Iron, Non-Ferrous Metals and Concrete.
(2) Use Medium (R) Grade for faster cutting.
(3) Threaded insert in wheel 5/8"-11 (T) to be used with standard portable grinders.

Flared Cup Grinding Wheels Integralguard



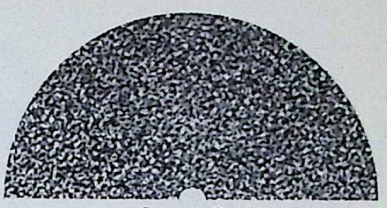
Resin Bond Abrasive Discs

Regular and SIOUX-per discs have their grain applied by a new electro-static process. By comparative grinding tests, this process produces discs that are sharper, have a longer life and are cooler running than any disc on the market.



Industrial Regular

SIOUX-per Disc



Open Coat

	Industrial	Regular	Open Coat	SIOUX-per Disc	ULTRA Disc
Basic Construction	1. Heavy duty fiber backing 2. Closed coat, with extra grain and resin for severest applications.	1. Medium fiber backing 2. Closed coat with a strong bond for minimum grain loss.	1. Heavy fiber backing 2. Light grain distribution 3. Strong bond to keep grain loss to a minimum.	1. Medium fiber backing 2. Closed coat with a strong bond for minimum grain loss.	1. Heavy duty fiber backing for more aggressive sanding. 2. Closed coat with a strong bond for minimum grain loss.
General Use	1. Heavy welds. 2. General rough, heavy operations where maximum stock removal is required. 3. Not to be used where sanding heat might distort the work.	1. Light welds. 2. All purpose disc for general operations.	1. For use on paint, solder, aluminum and other soft metals. 2. Pre-finishing operation.	1. For medium and heavy-duty operations.	1.For heavy-duty operations.
Grain	16 thru 150 Red Aluminum Oxide Grain applied by gravity to give multiple layers for heavy duty grinding.	24 thru 150 Red Aluminum Oxide Electro-statically applied grain gives sharper, longer lasting disc.	16 thru 80 Red Aluminum Oxide Grain applied by gravity to give more even distribution.	16 thru 50 zirconium alloy grain formulation applied to give even distribution. 100% zirconium.	16 thru 50 zirconium alloy grain formulation applied to give even distribution. 100% zirconium.

How To Order SIOUX Abrasive Discs

Order by Catalog Number-Diameter, Grit, Type.
Example: Description 9" Diameter, 24 Grit.
Industrial type = Catalog No. 9024N.

Actual Diameter of Discs is 5-1/8", 7-1/8", 9-1/8".

Special Abrasive Discs: To order any variation of a standard Disc, suffix above catalog number by the following code: Backspray—02; Silicon Carbide Grain—03; 8 Sided 9" only—06; Stainless Steel Use—08.
Example: Description—9" Diameter, 24 Grit, Industrial Type (Silicon Carbide Grain).
= Catalog No. 9024N03.

Overruns and underruns on special discs must be accepted by the customer.

Availability and price of any other special Disc must be quoted by the factory.

Pressure Sensitive Discs

Drilube Pressure Sensitive Adhesive Paper—Cartons of 100

5" Discs

No. 519P—240 Grit
No. 520P—180 Grit
No. 521P—100 Grit
No. 519PV—240 Grit with vacuum pickup holes
No. 520PV—180 Grit with vacuum pickup holes
No. 521PV—100 Grit with vacuum pickup holes

6" Discs

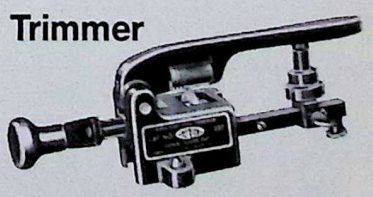
No. 577P—240 Grit
No. 578P—180 Grit
No. 579P—100 Grit
No. 577PV—240 Grit with vacuum pickup holes
No. 578PV—180 Grit with vacuum pickup holes
No. 579PV—100 Grit with vacuum pickup holes

Resin Bond—Tempered Aluminum Oxide or Zirconium Alloy Grain discs packed 25 to a carton.

7/8" Center Hole.

Dia.	Grits	Specify Type				
		Ind. (N)	Not Avail.	SIOUX-per Disc	Open Coat (C)	ULTRA Disc ZN
5"	016	N	Reg. (R)	Z	(C)	ZN
7"	024	N	R	Z	(C)	ZN
9"	036	N	R	Z	(C)	ZN
	050	N	R	Not Avail.	(C)	Not Avail.
	060	N	R		(C)	
	080	N	R		Not Avail.	
	100	N	R		Not Avail.	
	120	N	R		Not Avail.	
	150	N	R			

SIOUX Abrasive Trimmer



No. 237

An easily operated trimmer which quickly trims 9" discs to 7"; 7" discs to 5" and 5" discs to 3".

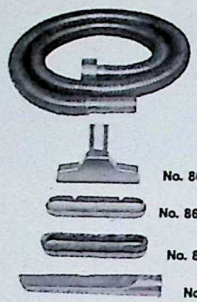
No. 237—SIOUX Abrasive Trimmer
No. 25401.....Extra Cutter for No. 237
No. 24610.....Extra Roller for No. 237

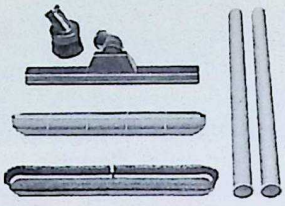
Heavy Duty Wet and Dry Vacuums

No. 870

- Two-stage by-pass motor
- Epoxy coated steel tank
- Integral heavy duty dolly
- Raised chrome handle
- Cartridge filter
- CSA approved

No. 870 Vacuum Accessories



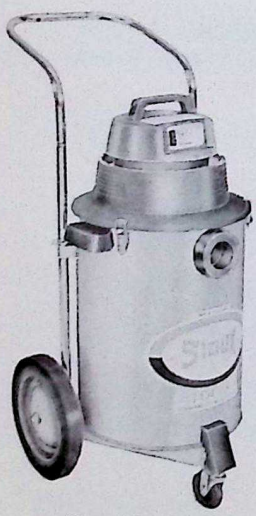


No. 870 includes: No. 861, No. 862, No. 863, No. 864, No. 865 & No. 868
No. 861—6' x 1-1/4" hose
No. 862—6" Master floor nozzle
No. 863—6" Brush shoe
No. 864—6" Squeegee shoe
No. 865—1-1/4" Crevice tool
No. 868—Cartridge filter

No. 867—Floor care set includes: 14" master nozzle, 14" brush shoe, 14" squeegee shoe, 1-1/4" metal extension wands, round brush.
No. 894—12' x 1-1/4" Hose - Used With Vacuum Pick-Up Sanders

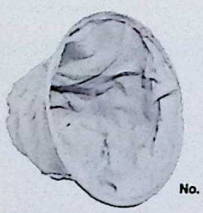
No. 880-C

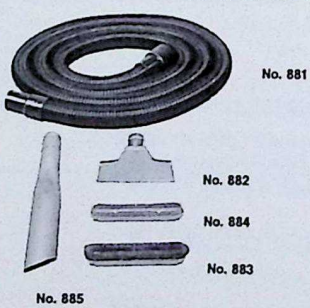
- Wet/dry vacuum
- 10 gal. stainless steel tank
- Sleeve & cloth bag filter
- Heavy duty steel dolly
- Two-stage by-pass motor
- UL approved

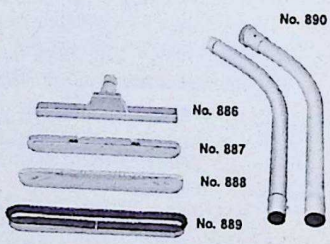


No. 880-C

No. 880-C Vacuum Accessories







No. 880-C includes: No. 881, No. 882, No. 885, No. 892 & No. 893B
No. 881—12' x 1-1/2" crush proof hose
No. 882—6" Metal Master floor nozzle
No. 883—6" Brush shoe
No. 884—6" Squeegee shoe
No. 886—14" Metal Master nozzle
No. 887—14" Squeegee shoe

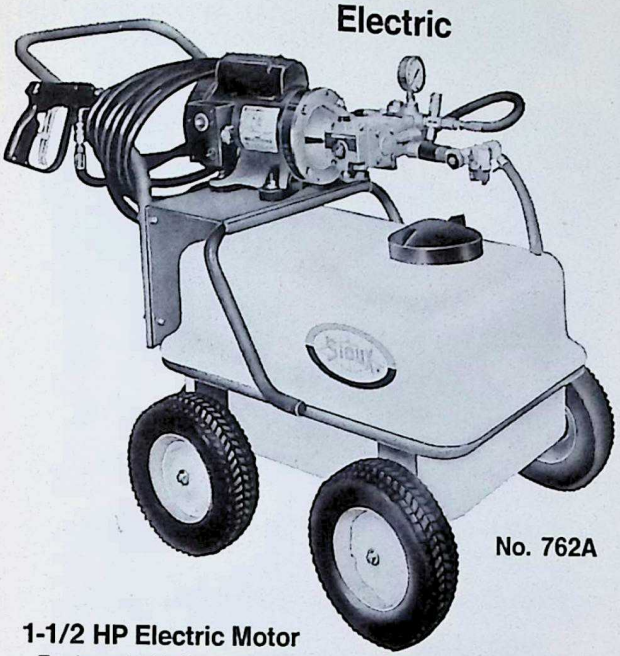
No. 888—14" Rug shoe
No. 889—14" Brush shoe
No. 890—Metal interlocking wand
No. 891—Deluxe Floor Kit includes: No. 886, No. 887, No. 888, No. 889 & No. 890
No. 892—Foam filter
No. 893B—Full cloth filter bag

Specifications

Cat. No.	Capacity	Motor Specs.	Tank	Cord	Shipping Wt.	Hose	Intake Size	Static Pressure	C.F.M. 2-1/2" Orifice
870	Dry 10 Gals. 9 Wet	1.7 HP Peak 6.5 AMPS 115 Volt 60 Hz	Epoxy Coated Steel	18' 3 Cond. Grd.	32 Lbs.	1-1/4" x 6'	2-1/2"	75" Water	95
880-C	Dry 10 Gals. 9 Wet	2.0 HP Peak 7.4 AMPS 115 Volt 60 Hz	Stainless Steel	35' 3 Cond. Grd.	34 Lbs.	1-1/2" x 12' Crush-Proof	2-1/2"	80" Water	100

High Pressure Washers

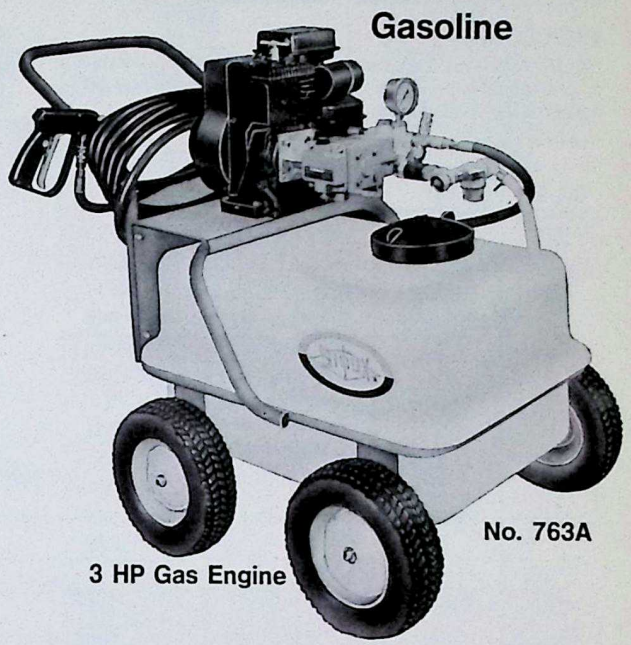
Electric



No. 762A

1-1/2 HP Electric Motor
Equipped with Ground Fault Interrupter

Gasoline



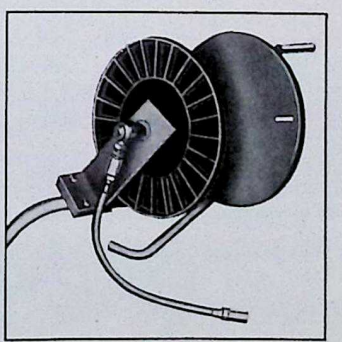
No. 763A

3 HP Gas Engine

Features of both models:

- 20 gallon tank
- 2.0 and 2.5 GPM
- 1000 PSI
- 3/8" H.P. handgun hose x 25'
- Nylon handgun with 20" extension
- 3 plunger pump with brass unloader valve
- 2000 lb. pressure gauge
- Brass swivel-coupler at handgun
- 3-way valve allows fluid to be drawn from outside source.
- Adjustable nozzle allows fan or jet patterns.
- (4) 10.5 x 3.5 semi-pneumatic tires
- Nylon strainer filters suction line
- Model 761 hose reel–optional
- Rugged steel tubular frame
- Use dry or liquid detergents or degreasers.

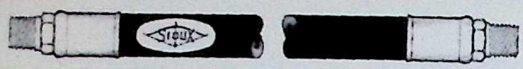
Optional Reel
Easily attached
Stores hose neatly



No. 761

Cat. No.	Discharge Capacity	Operating Pressure	Pump	Motor	Hose Ins.	Gun	Nozzle	Chemical Control	Wheel Dia. Ins.
762A	2.0 GPM	1000 PSI	Triple Plunger Direct Drive	1*	3/8" x 25'	Trigger Operated	Adjustable Nozzle	Siphon from tank	10.5
763A	2.5 GPM	1000 PSI		2*	3/8" x 25'				10.5

*1—1-1/2 HP, 115V, 60 Hertz, 1 Ph., capacitor start, overload protected
*2—3 HP Briggs & Stratton



SIOUX Air Hose

SIOUX Air Hose is designed for air tools use. These hoses are oil and abrasive resistant. Inside diameters and fittings are of proper size for maximum tool efficiency.

Cat. No.	Use	Size I.D.	Length	Fittings
1359	Leader Supply	1/4"	6 Ft.	1/4"MPT Both Ends
1376	Leader Supply	3/8"	6 Ft.	1/4"MPT Both Ends
1377	Supply	3/8"	25 Ft.	1/4"MPT Both Ends
1378	Supply	3/8"	50 Ft.	1/4"PT Both Ends
1381	Leader Supply	1/2"	6 Ft.	3/8"MPT Both Ends
1382	Supply	1/2"	25 Ft.	3/8" Coupler 1/2" Supply MPT
1383	Supply	1/2"	50 Ft.	3/8" Coupler 1/2" Supply MPT
1386	Leader Supply	1/2"	6 Ft.	1/2"MPT Both Ends
1360	Supply	1/2"	25 Ft.	1/2"MPT Both Ends
1388	Supply	1/2"	50 Ft.	1/2"MPT Both Ends
1362	Supply	3/4"	25 Ft.	1/2" Coupler 3/4" Supply MPT
1363	Supply Extension	3/4"	25 Ft.	3/4" Both Ends
1358	Exhaust	3/4"	3 Ft.	None
1361	Exhaust	1"	4 Ft.	None
1365	Exhaust	3/4"	3 Ft.	None

Quick Change Couplers are recommended with the above hoses.

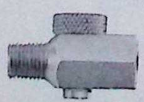
Nylon Recoil Air Hose

No. 1326

No. 1326—1/4" Hose, inside diameter with 1/4"NPT swivel ends, 25 ft. long

No. 1327—3/8" Hose, inside diameter with 1/4"NPT swivel ends, 25 ft. long.

No. 1620A—Air regulator 1/4" male and female threads.



No. 1333—Air Regulator for #1 Series.

No. 1334—Adaptor for #1 Series 1/8" Male P.T.—1/4" Female.

SIOUX Silencer

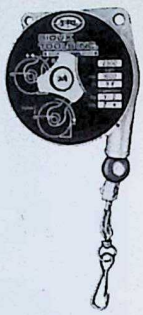
No. 2306—SIOUX Silencer to be used on #2 Series and Impact Wrenches.

Balancers

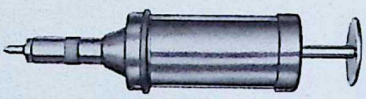
No. 2300—4 lb. capacity, 5 ft. cable.

No. 2301—5-10 lb. capacity, 8 ft. cable.

No. 2302—2 lb. capacity, 5 ft. cable.



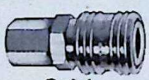
SIOUX Grease Gun



No. 468A—Grease Gun. Used with Impact Wrenches and multi-assembly angle tools.

No. 469A—Grease nozzle to be used with No. 468A Grease Gun.

Interchange Series Quick Couplers



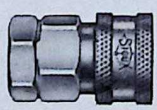
Quick Change Coupler

Male Coupler Nipple

Female Coupler Nipple

No.	Kind	Thread
1324	Quick Change Coupler	1/4" Pipe Thread
1325	Quick Change Coupler	1/2" Pipe Thread
1340	Female Coupler Nipple	1/4" Pipe Thread
1342	Male Coupler Nipple	1/4" Pipe Thread
1343	Female Coupler Nipple	1/2" Pipe Thread
1344	Male Coupler Nipple	1/2" Pipe Thread

Hi Capacity Quick Change Couplers



Quick Change Coupler

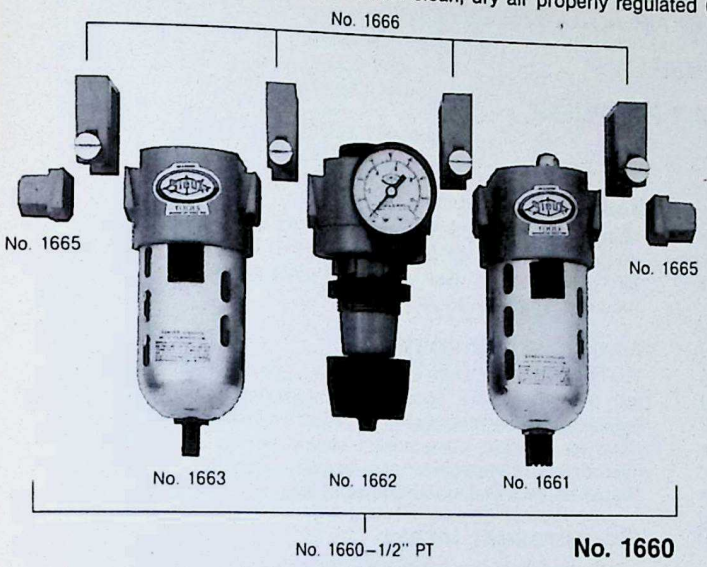
Male Coupler Nipple

Female Coupler Nipple

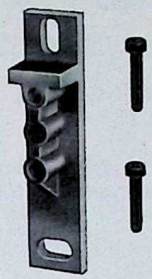
No.	Kind	Thread
1316	Male Coupler Nipple	1/4" Pipe Thread
1317	Male Coupler Nipple	3/8" Pipe Thread
1318	Male Coupler Nipple	1/2" Pipe Thread
1319	Male Coupler Nipple	3/4" Pipe Thread
1391	Quick Change Coupler	1/4" Pipe Thread
1392	Quick Change Coupler	3/8" Pipe Thread
1393	Quick Change Coupler	1/2" Pipe Thread
1394	Quick Change Coupler	3/4" Pipe Thread
1395	Female Coupler Nipple	1/4" Pipe Thread
1396	Female Coupler Nipple	3/8" Pipe Thread
1397	Female Coupler Nipple	1/2" Pipe Thread
1398	Female Coupler Nipple	3/4" Pipe Thread

Air Tool Accessories

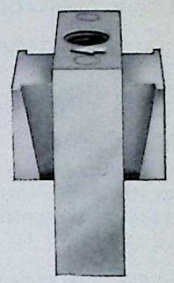
The Air Control Unit is designed to deliver clean, dry air properly regulated (90 PSI) with a constant oil supply to air tools.



No. 1660



No. 1668

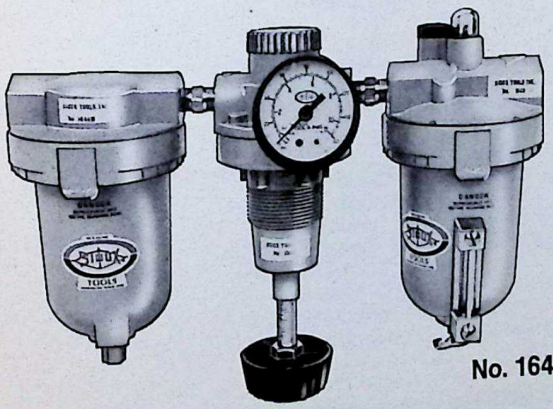


No. 1664

Air Motor Oil For Air Tools

No. 288 – ½ Pt.
No. 288-1 – 1 qt.
No. 288-2 – 1 gal.

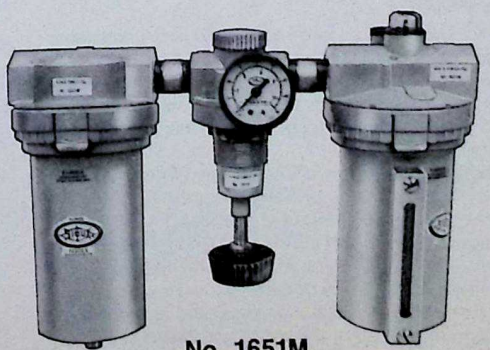
	Cat. No.	Description	
1/2" PT	1660	Complete Air Control Unit, 1/2"PT	30-75 CFM
	1661	Lubricator only, 1/2"PT	
	1662	Regulator with Gauge, 1/2"PT	
	1663	Manual Flex Drain Filter, 1/2"PT	
	1664	Manifold Block	
	1665	Connecting End Blocks	
	1666	Modular Sleeve ("O" Ring included)	
	1667	Automatic Drain—Optional	
	1668	Sleeve Wall Mounting Bracket	



No. 1644M

	Cat. No.	Description	
1/4" PT	1644M	Complete Automatic Air Control Unit, 1/4"PT, includes regulator, filter and Lubricator	30 CFM & Under
	1645M	Lubricator only, 1/4"PT, 1/2 pint Capacity	
	1349B	Regulator with Gauge, 1/4"PT	
	1646M	Automatic Air Filter, 1/4"PT, automatic float drain empties when full	

	Cat. No.	Description	
3/4" PT	1651M	Complete Automatic Air Control Unit, 3/4"PT, larger capacity and float type filter for automatic drain	75 CFM & Over
	1652M	Lubricator only, 3/4"PT, 1 quart Capacity	
	1654	Regulator with Gauge, 3/4"PT	
	1653M	Automatic Air Filter, 3/4"PT, automatic float drain empties when full	



No. 1651M

Proper Installation for Pneumatic Tools

- EXTEND THE LIFE OF YOUR AIR TOOLS AND AIR-ACTUATED DEVICES.
- REDUCE MAINTENANCE AND REPAIR EXPENSE.
- INCREASE EFFICIENCY OF COMPRESSED AIR EQUIPMENT.
- REDUCE COMPRESSED AIR COSTS.

Air Regulators

Clean, dry, lubricated air at the proper pressure is the most important requirement for proper operation of air tools. Sioux tools are designed to operate at **90 P.S.I.** unless otherwise specified.

Moisture Separators

On installations where the piping system does not provide clean, dry air, the use of filters at hose connection points is recommended. A good filter, kept properly drained, will remove nearly all entrained water whereas a poor one is practically useless. Most filters do not have adequate water storage capacity and, unless provided with an auxiliary storage receiver or automatic trap, soon cease to function.

Strainers

Many tools are provided with air strainers. To eliminate air restriction these strainers must be kept clean and free of obstructions. Strainers or filters should be used at each hose outlet, particularly where pipe lines are old or are used intermittently.

Lubrication

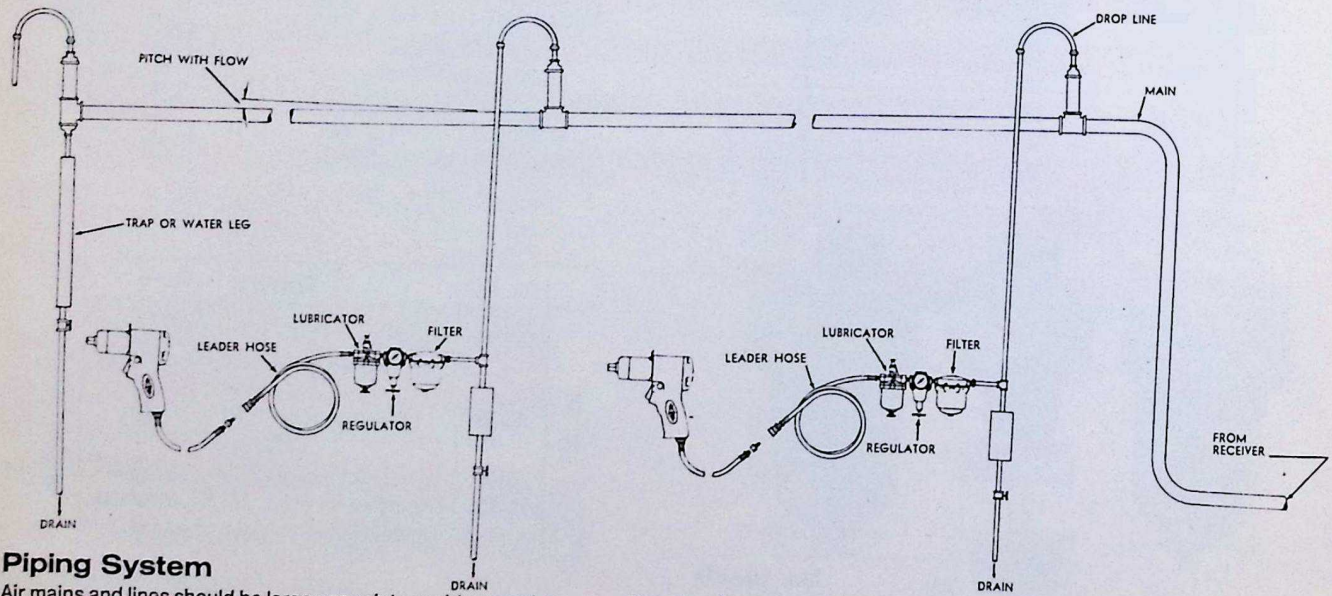
Many pneumatic tools, because of weight and space limitations, do not contain built-in lubricators. With such tools air line lubricators must always be used and their use is recommended with all air tools.

Moisture Elimination

The amount of moisture carried by compressed air varies with the temperature. As the temperature drops after compression, water is precipitated. In order to eliminate as much water as possible, compressors should be equipped with intercoolers, aftercoolers, and full size receivers. These should be kept drained and in good working condition.

Compressor Intake

Locate the intake to obtain the coolest, driest and cleanest air available. Intakes should be of ample size and as direct as possible. Avoid steam pipes, escaping steam and dusty or wet locations (as near roofs, floors, ground, etc.). When practical, take air from out-of-doors on the north side of the building. Provide proper screening and protection. Intake filters of suitable size should be used.



Piping System

Air mains and lines should be large enough to avoid excessive pressure loss under conditions of maximum flow.

In air lines, as in aftercoolers, water is continually precipitated as the air cools. For this reason pipe lines should be provided with a means of draining or trapping this water before it reaches the hose outlets.

It is advisable to pitch the mains in the direction of air flow so that both gravity and air flow will carry the water to traps or water legs located at frequent intervals. These should be drained regularly and never allowed to become full and inoperative. Use of automatic traps will eliminate manual draining and the possibility of traps becoming full. However traps which drain to sewers can waste a considerable amount of air unless regularly inspected and kept in good working order.

Provision for quick and positive inspection of operation and for leakage should be made when traps are installed. Three-way cocks or stop and waste cocks in the drains are usually provided for this purpose.

To aid in preventing condensed moisture from reaching the tools, down pipes or hose connections should never be taken directly from the bottom of air pipes or mains. Connection should be made at the top of the main and a long radius return bend used.

Leaders, valves and hose connections should be large enough to pass the maximum amount of air required by the tool or tools on the line. This is particularly important if manifolds, from which several hose lines run, are used.

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ELECTRIC AND AIR TOOLS
SOLD ONLY BY AUTHORIZED DISTRIBUTORS

Prices Are Net To User and Are Subject To Change Without Notice
We Reserve The Right To Change Design Of The Tools Illustrated In This Catalog

MOTOR INFORMATION

DRILLS AND PORTABLE ELECTRIC TOOLS

Are equipped with Universal Motors. These will work on any cycle (60 or less) and direct current for voltage specified. Price and availability of 230 volt are noted in user price list.

115 volt shipped on all orders unless otherwise specified. Not made in 3 phase.

VALVE GRINDING MACHINES AND BENCH GRINDERS

Are equipped with permanent magnet motors, capacitor start or split phase start induction motors. These will operate only on voltage and cycle as specified. Standard 115 volt, 60 cycle, single phase shipped on all orders unless otherwise specified. 230 volt, 1 phase and 3 phase available as noted in user price list.

No. 956 machine is shipped 230 volt, 60 cycle, single phase.

Special voltages and cycles extra price on 2001 valve face grinding machine.

AIR TOOLS

SIOUX air tools are manufactured with the same attention to precision, which is a trademark of SIOUX electric tools.

Air line lubricators, filters, and regulators are the big three which control air tool maintenance cost.

1. The proper amount of quality air motor oil is of prime importance to air motors. It is not sufficient to squirt oil into the air tool twice daily, except for intermittent air tool service.
2. An air filter placed with the lubricator at the air outlet to the tool will collect moisture, line scale, and prevent washing away lubrication, thereby preventing rust and corrosion.
3. Regulated Air Pressure. SIOUX Air Tools, unless otherwise specified, are designed to operate at 90 PSI with maximum efficiency and longer life. Pressures in excess of 90 PSI could severely damage the tool and will increase maintenance cost. Low air pressure reduces the efficiency of the air tools. It is recommended that an air regulator be placed in close proximity to the working tool in order to maintain proper pressure.

GUARANTEE

All SIOUX Tools are carefully inspected before shipment.

We guarantee to replace any part of a tool that is defective due to faulty material or workmanship and which has not been misused or carelessly handled. The complete tool or part must be returned to our factory or authorized Service Center. We decline responsibility where repairs have been made or attempted by others. Any different guarantee made by others is not authorized by us.

TOOLS AVAILABLE IN 230 VOLT

The following tools are available in 230 volt: 330, 335, 336, 338, 1575, 1579, 2090, 2091 and the 8000 series.

IMPORTANT

Safety and dependability are foremost in the engineering and construction of SIOUX Tools. We conform to the Occupational Safety and Health Act of 1971.

When ordering Replacement Parts for any SIOUX Tool, be sure to specify Catalog Number and Serial Number of the Tool for which the parts are wanted.

ERGONOMICS—All tools designed by Sioux Tools Inc. are designed with ERGONOMICS as the first priority for operator comfort and increased productivity.

SIOUX TOOLS BEARING MONOGRAMS OF UNDERWRITERS' LABORATORIES, INC., OR CANADIAN STANDARDS ASSOCIATION ARE LISTED BY THEIR LABORATORIES FOR INDUSTRIAL USE.

SIOUX TOOLS INC.
2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102 ■

PRINTED IN U.S.A.

Factory Owned and Operated

Phone 1-800-798-6451

"SIOUX Tools Factory Service" is a fully equipped and staffed facility operated in conjunction with the Sioux City Factory for the repair, rebuilding, warranty service and sale of replacement parts for all SIOUX Products.

U.S. Service Centers

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Power Tool Service, Inc.
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205-323-4311

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Phoenix
Glenn's Tool Service
4036 North 13th Way (85014)
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Tucson
Mechanics Tool Service
3232 East Pennsylvania (85714)
602-889-8484

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